



ROCKY MOUNT TOWN COUNCIL
AGENDA
REGULAR COUNCIL MEETING
TO BE HELD IN COUNCIL CHAMBERS
ROCKY MOUNT MUNICIPAL BUILDING
345 DONALD AVENUE
ROCKY MOUNT, VIRGINIA
FEBRUARY 8, 2016
AT 7:00 P.M.

When speaking before Town Council, please come to the podium and give your name and address for the record. Please address the Council and not the audience. If you provide Council with any documentation, please also give a copy to the town clerk prior to speaking.

◆
All cellular phones must be turned off during the Council Meeting.
◆

The Town of Rocky Mount is pleased to offer assistive listening devices for meeting attendees with special hearing needs. Please ask any staff member or the town clerk for assistance.

- I. Roll Call
- II. Pledge of Allegiance
- III. Approval of Agenda
- IV. Special Items
 - Recognition of two Franklin County Rescue Squad Members, Mr. Jack Swicegood and Mr. Gary Swicegood
- V. Public Hearing
 - Franklin County Public Safety Tower on Grassy Hill Discussion Continued from January 11, 2016 meeting
- VI. Approval of Draft Minutes
 - January 11, 2016 Regular Meeting Minutes
- VII. Approval of Consent Agenda
 - Miscellaneous Action
 - Review of Budget and Capital Improvement Plan Schedule for FY 2017
 - Reimbursement of \$4,000 to Rocky Mount Police Department from Piedmont Community Services for overtime in the CIT Training
 - Miscellaneous Resolutions/Proclamations
 - Departmental Monthly Reports
 - Community Development Department
 - Finance Department
 - Fire Department
 - Police Department
 - Public Works Department
 - Wastewater Department
 - Water Department
- VIII. Hearing of Citizens
- IX. Old Business
 1. Update on Town Council Planning Retreat
- X. New Business
 1. Street Closure Request: Chug for the Jug 5K, Kids Fun Run and Carilion Health Walk on April 23, 2016
 2. Street Closure Request: Outlaw Cruisers Club Car Show on May 29, 2016

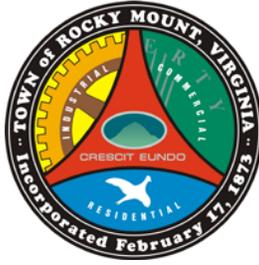
3. LUMOS Franchise Renewal
4. Wastewater Treatment Plant Intern
5. Wastewater Treatment Plant Pump Outage/Repair

- XI. Committee Reports
- XII. Other Matters, Concerns and Rise 'N Shine Appearances
- XIII. Closed Meeting and Action (*none at this time*)
- XIV. Adjournment

Copies of the agenda packet are available for review at the Town Clerk's Office located at the Rocky Mount Municipal Building, 345 Donald Avenue, Rocky Mount, Virginia, Monday through Friday, during normal working hours (8 a.m. to 5 p.m.), or by going to Town of Rocky Mount website: www.rockymountva.org.

◆
Notice of intent to comply with Americans With Disabilities Act: Special assistance is available for disabled persons addressing Town Council. Efforts will be made to provide adaptations or accommodations based on individual needs of qualified individuals with disability, provided that reasonable advance notification has been received by the Town Clerk's Office. For assistance, please contact the Town Clerk's Office, Town of Rocky Mount, 345 Donald Avenue, Rocky Mount, VA 24151, or by calling (540) 483-7660.

◆
Thank you for taking the time to participate in your Town Council meeting. The Mayor and members of Council invite and encourage you to attend whenever possible because good government depends on the interest and involvement of citizens.



RESOLUTION NO.: 2016.004

**RESOLUTION BY THE TOWN OF ROCKY MOUNT HONORING
MR. JACK SWICEGOOD FOR A LIFETIME OF SERVICE TO THE TOWN
AND ITS CITIZENS**

WHEREAS, the Franklin County Rescue Squad is a volunteer public service agency dedicated to providing essential emergency medical services necessary to save lives from harm due to accidents, disasters, emergencies and health crises; and

WHEREAS, Mr. Swicegood joined the Franklin County Rescue Squad in September 1967; and

WHEREAS, Mr. Swicegood has been an active member of the Franklin County Rescue Squad for 49 years, responding to numerous calls while representing the Snow Creek, Fork Mountain, Glade Hill, Ferrum, Red Valley and Cool Branch rescue squads; and

WHEREAS, Mr. Swicegood sustained these agencies through his tireless assistance in training and educating new members, providing valuable and essential education in basic emergency medical technician training, first aid, cardiopulmonary resuscitation, vehicle extrication and many other classes that helped impart vital rescue skills to generations of volunteers; and

WHEREAS, Mr. Swicegood not only helped educate his fellow volunteers but also cared for their spiritual needs, serving as chaplain for over 25 years, working to provide compassion and guidance to those that deal with the most difficult tragedies our community faces; and

WHEREAS, Mr. Swicegood's performance was so exemplary that in 1988 he was elected to be a life member of the Virginia Association of Volunteer Rescue Squads;

NOW THEREFORE BE IT RESOLVED, that the Town of Rocky Mount expresses its deepest gratitude and appreciation to Mr. Jack Swicegood for a lifetime spent in the service of our community, our citizens and the safety of all who pass through our Town; and

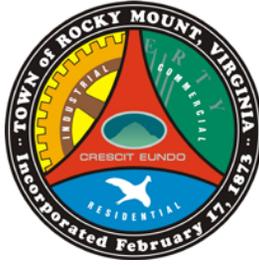
BE IT FURTHER RESOLVED, that the Town of Rocky Mount does hereby declare the day of Monday, February 8, 2016, to be Mr. Jack Swicegood day in the Town so that all of our citizens may join in, recognize and appreciate Mr. Swicegood's lifetime of caring and honorable service to the citizens of the Town of Rocky Mount and the County of Franklin.

Given under my hand, this 8th day of February 2016.

Steven C. Angle, Mayor

ATTEST:

Rebecca H. Dillon, Acting Town Clerk



RESOLUTION NO.: 2015.005

**RESOLUTION BY THE TOWN OF ROCKY MOUNT HONORING MR. GARY SWICEGOOD
FOR A LIFETIME OF SERVICE TO THE TOWN AND ITS CITIZENS**

WHEREAS, the Franklin County Rescue Squad is a volunteer public service agency dedicated to providing essential emergency medical services necessary to save lives from harm due to accidents, disasters, emergencies and health crises; and

WHEREAS, Mr. Gary Swicegood joined the Franklin County Rescue Squad in 1969 as a junior member at the age of 15; and

WHEREAS, Mr. Gary Swicegood has served the Franklin County Rescue Squad for 47 years, working his way through the ranks of responsibility to the position of Captain; and

WHEREAS, Mr. Gary Swicegood's leadership in the Franklin County Rescue squad started at an early age, serving as Treasurer of the Virginia Association of Rescue Squads as a junior member for two years; and

WHEREAS, Mr. Gary Swicegood has traveled extensively in his Rescue Squad career sharing his knowledge and experiences with others, working closely with his father in the instruction and sharing of knowledge for future generations of volunteers;

NOW THEREFORE BE IT RESOLVED by the Town of Rocky Mount that the Town expresses its deep appreciation for a lifetime of service given by Mr. Gary Swicegood to the Town, its citizens and to those who pass through our great community; and

BE IT FURTHER RESOLVED that the Council of the Town of Rocky Mount declares the day of Tuesday, February 9, 2016, to be Mr. Gary Swicegood Day in the Town of Rocky Mount so that our grateful citizens may join with Council and recognize and appreciate Mr. Swicegood's lifetime of caring and honorable service for Rocky Mount and Franklin County.

Given under my hand, this 8th day of February 2016.

Steven C. Angle, Mayor

ATTEST:

Rebecca H. Dillon, Acting Town Clerk

ITEM(S) TO BE CONSIDERED UNDER:

- Hearing of Citizens Consent Item Old Business New Business
 Committee Report Other

FOR COUNCIL MEETING DATED: _____

STAFF MAKING REQUEST:	Planning Commission Community Development
BRIEF SUMMARY OF REQUEST:	Continued from Town Council Meeting on January 11, 2016: Franklin County Public Safety wants to replace an existing tower on Grassy Hill with a new, taller one capable of supporting the radio and microwave equipment necessary for the new county emergency radio communications system. The application is in line with our ordinance, including providing future co-location opportunities. We have advertised the issue and notified adjoining property owners. The Planning Commission held its public hearing January 5, and unanimously recommends the application receive your approval. You are required to hold a public hearing on the matter and determine how to proceed with the application. Staff report, application and maps are attached.
ACTION NEEDED:	Approve or deny the request with or without conditions recommended by the planning commission.

Attachment(s):

FOLLOW-UP ACTION:
(To be completed by Town Clerk)

TOWN OF ROCKY MOUNT
345 DONALD AVE.
ROCKY MOUNT, VIRGINIA 24151

540.483.7660
FAX : 540.483.8830

E-MAIL: JGIBSON@ROCKYMOUNTVA.ORG
WWW.ROCKYMOUNTVA.ORG



TOWN COUNCIL
STEVEN C. ANGLE, MAYOR
GREGORY B. WALKER, VICE MAYOR
BOBBY M. CUNDIFF BOBBY L. MOYER
P. ANN LOVE JON W. SNEAD
BILLIE W. STOCKTON

JOSH GIBSON
TOWN PLANNER

STAFF REPORT

PETITIONER: Franklin County Public Safety
LOCATION: Top of Grassy Hill (no street address)
REQUEST: Replace a 160-ft tower with a 195-ft tower in an M1 zoning district, primarily for public safety telecommunication; future colocation of cellular arrays for wireless/cellular communication
HEARING DATE: January 5th, 2016 (Planning Commission)
January 11th, 2016 (Town Council)
TAX PARCEL: 2010010300

EXECUTIVE SUMMARY:

A Special Exception/Use Permit application has been filed by Franklin County Public Safety to replace an existing 160' tower at the top of Grassy Hill with a 195' tower on the same parcel and adjacent to the existing tower. Once the new tower is complete, the old tower will be removed. Since this is a 22% increase in tower height, Article 40 of the Town of Rocky Mount Zoning and Development Ordinance (Wireless Telecommunication Facilities) dictates that the Planning Commission and Town Council should review the application as a Special Exception for a new tower. The primary use of the tower will be public safety communication, but plans do provide for additional colocation opportunities, as encouraged by the wireless ordinance.

I. APPLICABLE REGULATIONS:

All of ARTICLE 40: WIRELESS TELECOMMUNICATION FACILITIES

DEFINITIONS

- **Antenna:** A telecommunication device that transmits or receives electromagnetic signals.
- **Wireless telecommunication facility:** Any structure used for the purpose of supporting antennas, microwave dishes or other electromagnetic transmission devices, including, but not limited to, self-supporting lattice towers, guy wires, pole towers, radio and television transmission towers, alternative tower structures, buildings, roof tops, etc. For the purpose of this ordinance, new wireless telecommunication facilities shall be defined as a commercial activity and shall not be permitted in residential districts, unless co-locating on an existing tower.
- **Special exception:** A special exception is a use that would not be appropriate generally or without restriction throughout the zoning division or district but which, if controlled as to number, area, location, or relation to the neighborhood would promote the public health, safety, welfare, morals, order, comfort, convenience, appearance, prosperity, or general welfare.

IMPACT OF FEDERAL REGULATIONS (FCC)

Section 6409(a) of the Middle Class Tax Relief and Job Creation Act of 2012 mandates that a State or local government **must approve** certain wireless broadband facilities siting requests for modifications and collocations of wireless transmission equipment on an existing tower or base

station that does not result in a **substantial change** to the physical dimensions of such tower or base station. In October 2014, the Federal Communications Commission (FCC) further clarified Section 6409(a). "Substantial change" is defined as any extension or replacement of an existing tower that does not exceed 10% in height.

For the Town of Rocky Mount, this means that an increase of 10% or less in the height of an existing tower must be automatically approved (likely by way of a zoning permit). Since this tower will increase 22% in height, federal jurisdiction does not apply and we must consider the tower based on local codes (which require a special exception).

II. EXISTING CONDITIONS:

The property in question was rezoned in 2005, with Franklin County as the landowner and applicant. The purpose of the rezoning was to construct the 160-ft tower which exists at the site at present. The tower is currently being used for public safety and for a wireless internet tenant (B2X). Various supporting structures exist at present, including a 500-gallon propane tank which will be replaced by a larger tank.

III. PROPOSED CONDITIONS/IMPACTS:

Traffic Impact: None.

Fire/Rescue Impact: None (other than anticipated improved communication as a result of updated equipment).

Community Meeting: None required by staff.

Site Layout Architecture notes: Plans are included in the application; new tower will replace existing tower; new support equipment (propane tank, generator, etc.) will replace existing equipment; new height = 195' and new base = 19'; replacement tower will support new/modern equipment and possible future co-location; Tower profile plans and load engineering not available until construction, but applicant provided the structural design report for an identical tower (see application materials).

Setbacks: None required for an M1 property; the tower is self-supporting and will not require any additional guy wires for stabilization. Nearest residence is approximately 1,000 feet away on Summit Drive.

Visual Impact: Due to the greater height and base area of the new tower, it is expected to be slightly more visually intrusive than the existing, smaller tower.

IV. CONFORMANCE WITH COMPREHENSIVE PLAN:

The increased height and capacity of the existing tower proposed as a part of this Special Exception application is generally supported by the Town of Rocky Mount 2035 Comprehensive Plan. The Plan advocates working with Franklin County as a community partner, and specifically encourages development of law enforcement services and facilities to meet the needs of local citizens and cooperation of public safety and law enforcement. Under the Public Safety section of the plan, anticipated improvements to the radio system are encouraged with subsequent upgrades to police and fire radio systems to ensure communication compatibility. The Town's scenic qualities, including natural resources such as high-elevation areas like Grassy Hill and Bald Knob, are noted throughout the Plan as important Town assets and should also be considered.

V. STAFF CONCLUSIONS

Staff supports a special exception permit presented for tax map #2010010300 owned by the County of Franklin. Though the net scenic impact of the project will likely be unfavorable, it is a

marginal impact and taken as a whole is only a minor change from the existing conditions. Article 40 requires that applicants for new towers show capacity for co-location, and the additional height is in part a result of that requirement from Town Code. Coupled with the anticipated improvements in available public safety technology, the public good for the projects offsets any visual impacts. The upgraded tower at this location is not expected to substantially change the character of the neighborhood nor the scenic views from in and around Town.

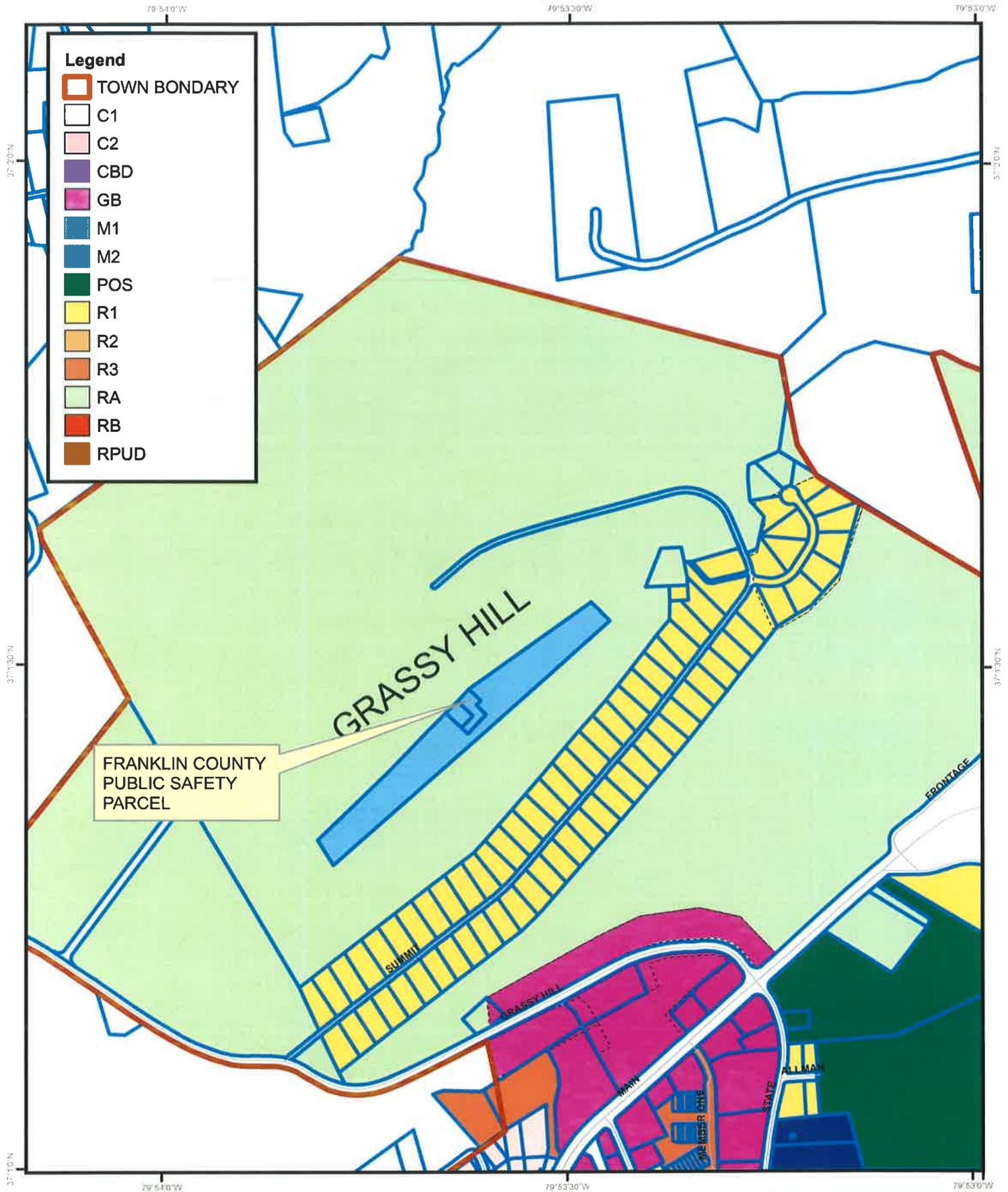
Staff recommends an approval of the special exception with the following conditions:

- 1. The site shall be developed in substantial conformance with the conceptual plans submitted as a part of the special exception application.**
- 2. At the time of completion of the new tower and after transfer of existing equipment to the new tower, the old tower must be removed within 90 days.**

PLANNING COMMISSION ACTION:

On January 5, 2016, the Planning Commission recommended approval of the special exception request, with two conditions: (1) that the site be developed in accordance with the provided application materials and (2) upon completion of the new tower, the old tower shall be removed within 90 days.

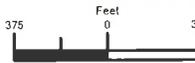
PREPARED BY: Josh Gibson
HEARING DATES: Planning Commission, 1/5/2016
Town Council, 1/11/2016
ATTACHMENTS: Zoning Map
Aerial Map
Topo Map
Application



ZONING MAP
FC Public Safety Special Exception
New Wireless Tower
 DATE CREATED: 12/21/2015
 TOWN OF ROCKY MOUNT, VA



1 inch = 746 feet



Projection: Lambert Conformal Conic
 GCS North America 1983
 Datum: D North America 1983

Map created by jgibson
 This map is for general reference and display purposes only.

79°53'30"W

37°13'07"N

70°53'30"W

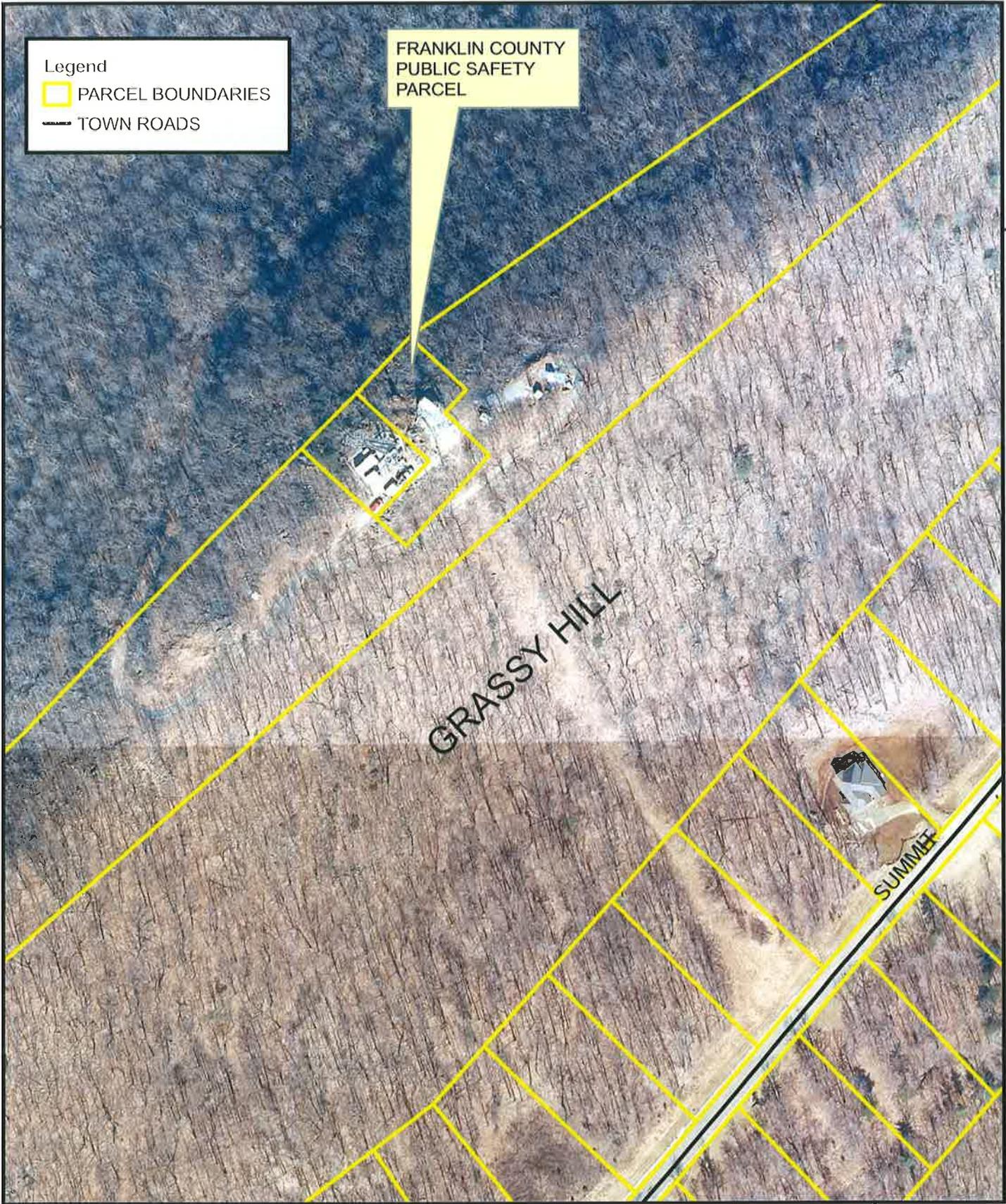
Legend

- PARCEL BOUNDARIES
- TOWN ROADS

FRANKLIN COUNTY
PUBLIC SAFETY
PARCEL

GRASSY HILL

SUMMIT

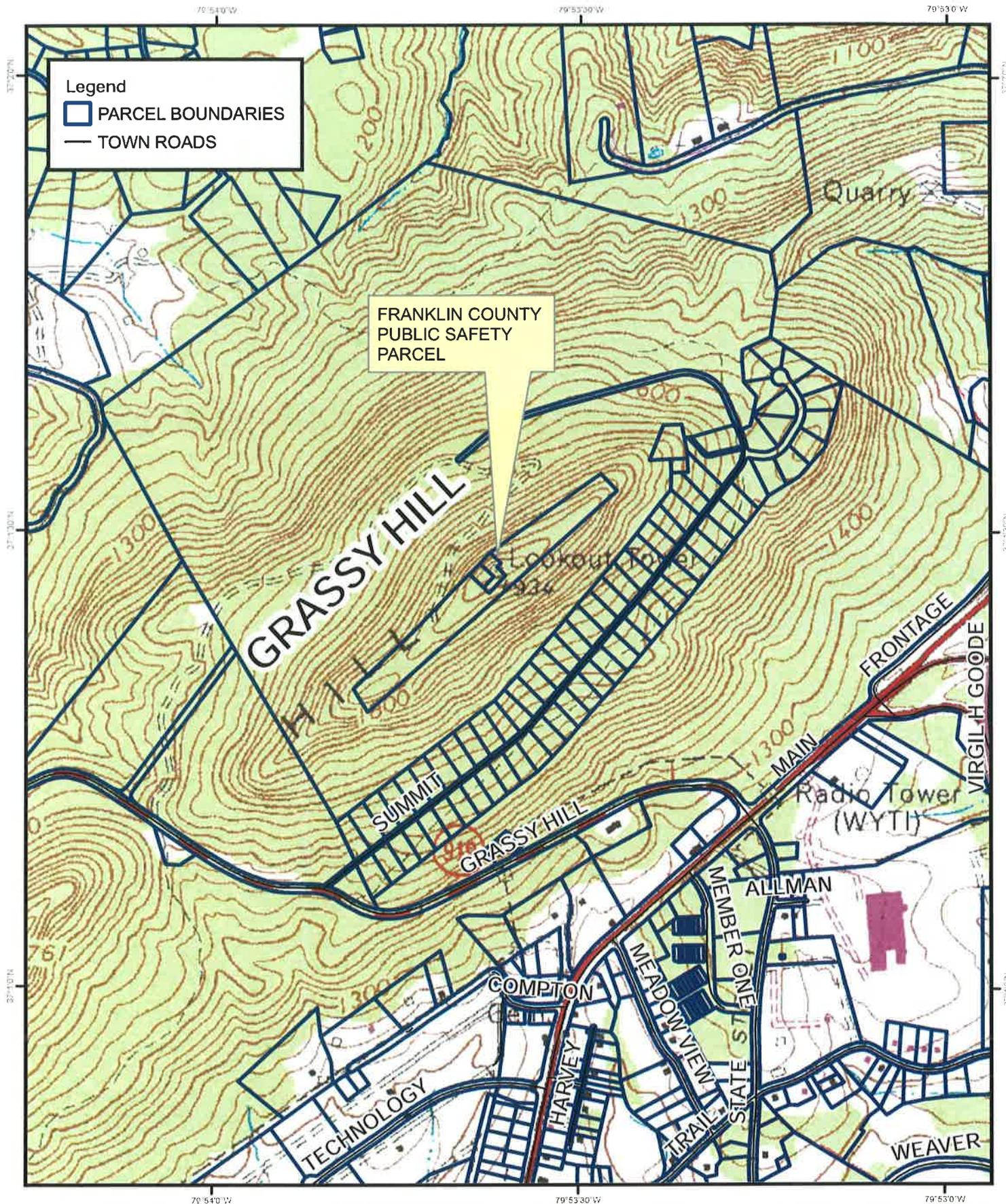


AERIAL MAP
 FC Public Safety Special Exception
 New Wireless Tower
 DATE CREATED: 12/21/2015
 TOWN OF ROCKY MOUNT, VA

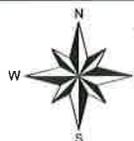


Projection: Lambert Conformal Conic
 GCS North America 1983
 Datum: D North America 1983

Map created by jgibson
 This map is for general reference and display purposes only.



TOPOGRAPHIC MAP
FC Public Safety Special Exception
New Wireless Tower
 DATE CREATED: 12/21/2015
 TOWN OF ROCKY MOUNT, VA



1 inch = 833 feet



Projection: Lambert Conformal Conic
 GCS North America 1983
 Datum: D North America 1983

Map created by Jgibson
 This map is for general reference and display purposes only.



Town of Rocky Mount SPECIAL ZONING APPLICATION

REZONING REQUEST SPECIAL EXCEPTION/USE VARIANCE

Date Received:
Received by:
PC/BZA Date:

PRE-FILING CONSULTATION WITH THE TOWN PLANNING STAFF TO REVIEW THE PROPOSED REQUEST AND TO OBTAIN RECOMMENDED PROCEDURES AND TECHNICAL ASSISTANCE IS REQUIRED. TO SCHEDULE A PRE-FILING CONSULTATION, PLEASE CONTACT THE TOWN OF ROCKY MOUNT COMMUNITY DEVELOPMENT DEPARTMENT AT 540-483-0907.

APPLICANT NAME: Pat Regan - Franklin County Public Safety

ADDRESS: 1488 Franklin Street, Rocky Mount, VA 24151

PHONE: 540-483-3091 ext 2155 EMAIL: pat.regan@franklincountyva.gov

PROPERTY OWNERS NAME & ADDRESS: County of Franklin, Virginia 1255 Franklin Street, Suite 112 , Rocky Mount, VA 24151
(IF DIFFERENT FROM APPLICANT)

TAX MAP & PARCEL NUMBER: 2010010300 LOT SIZE (ACRES/SQ.FT.) .046

CURRENT ZONING: R-1 R-2 R-3 RA RB RPUD POS C-1 C-2 M-1 M-2 CBD CBD-ARTS & CULTURE GB

CURRENT LAND USE: VACANT AGRICULTURAL RESIDENTIAL COMMERCIAL INDUSTRIAL

REZONING REQUEST: PROPOSED ZONING: _____ PROPOSED LAND USE: _____

SPECIAL EXCEPTION/USE REQUEST OF SECTION(S) Article 40 OF THE TOWN ZONING ORDINANCE.

VARIANCE REQUEST OF SECTION(S) _____ OF THE TOWN ZONING ORDINANCE.

NATURE OF REQUEST - BRIEFLY DESCRIBE THE PROPOSED PROJECT AND SPECIFIC DEVIATION REQUEST FROM THE ZONING ORDINANCE.

Request the construction of a new 195' self-support Public Safety 911 telecommunications tower. and the removal of the existing 160' tower. Project will also include the removal of an existing 500 Gal propane tank and installation of a new 1000 gal. propane tank. Installation of a new 50 Kw LP emergency generator and a new 4' wide utility H frame for power.

Once the antennas are operational on the new tower the old 160' tower will be removed. New Tower requested because the old tower is structurally unable to support the new equipment and future co-locations.

I HEARBY CERTIFY THAT I AM ACTING WITH THE KNOWLEGE AND CONSENT OF THE PROPERTY OWNER TO THE REQUEST DESCRIBED ON THE APPLICATION. BY SIGNING BELOW, I AGREE THE INFORMATION PROVIDED ON THE APPLICATION IS TRUE TO THE BEST OF MY KNOWLEDGE.

APPLICANT SIGNATURE

DATE

BY SIGNING BELOW, I CERTIFY I AM AWARE OF THE REQUEST SUBMITTED AND THE INFORMATION PROVIDED IS TRUE TO THE BEST OF MY KNOWLEDGE.

OWNER SIGNATURE

DATE

WHAT IS A REZONING?

A rezoning is a legal change to the Official Zoning Map. The rezoning of property is a legal matter, we strongly recommend applicants consult with an attorney for assistance with the preparation of the rezoning application. A rezoning may be initiated by the property owner, by a contract purchaser with the owner's written consent, or by the owner's agent. Original signatures are required by all parties.

Rezoning requests will be submitted to the zoning administrator and referred to the planning commission for its review and recommendation. The final determination on the rezoning request will be made by the governing body (Town Council).

1. The written request for rezoning shall be submitted to the planning commission by the zoning administrator.
2. Notice shall be given of the required public hearing in accordance with the requirements of Code of Virginia, § 15.2-2204. Adjacent property owners (front, back and side) and the applicant shall be notified in writing as to the rezoning or conditional zoning request and public hearing date.
3. A public hearing shall be held by the planning commission. If requested, the zoning administrator may make a report and recommendation to the planning commission on the subject request. Other parties may appear in person and present their views.
4. The commission shall make a recommendation to go on the rezoning request after the public hearing is held.
5. The governing body (Town Council) shall then hold its own public hearing in conformity with all notice requirements under Code of Virginia, § 15.2-2204, and make the final determination on the rezoning request.

WHAT IS A SPECIAL EXCEPTION?

A special exception/use permit allows a specific exception to the Town's Zoning Ordinance on a particular parcel of land in a district of a particular zoning character. Uses and dimensional standards allowed only by special exception are those considered to have potentially greater impact upon neighboring properties or the public. The special exception process allows potential impacts to be addressed through conditions. A granted special exception runs with the property.

WHAT IS A VARIANCE?

A variance is a request for a reasonable deviation from a provision of the Town's Zoning Ordinance when strict application of the ordinance would result in unnecessary or unreasonable hardship to the property owner. A variance may not allow a use in a district not authorized by district regulations. A granted variance runs with the property.

The authorization to hear and decide on applications for special exception/use permit and a variance request has been delegated to the Board of Zoning Appeals (BZA), a quasi-judicial five (5) member Circuit Court appointed body.

Special Exception and Variance application requests will be submitted to the zoning administrator for review and recommendation; then referred to the Board of Zoning Appeals (BZA) for a public hearing. A determination on the application will be made by the Board of Zoning Appeals (BZA). Additional approval and final determinations by the Planning Commission and/or by the governing body (Town Council) could be required to complete the request.

1. The Special Exception or Variance application shall be submitted to the Board of Zoning Appeals (BZA) by the zoning administrator.
2. Notice shall be given of the required public hearing in accordance with the requirements of Code of Virginia, § 15.2-2204. Adjacent property owners (front, back and side) and the applicant shall be notified in writing as to the application request and public hearing date.
3. A public hearing shall be held by the Board of Zoning Appeals (BZA). If requested, the zoning administrator may make report and recommendation to the Board of Zoning Appeals (BZA) on the subject request. Other parties may appear in person and present their views.
4. The Board of Zoning Appeals (BZA) shall make a decision on the application request after the public hearing is held.
5. If additional approval and final determination is needed by the planning commission and/or the governing body (Town Council); each shall then hold its own public hearing in conformity with all notice requirements under Code of Virginia, § 15.2-2204, and will each make the final determination on the application request.

12/07/2015

Special Use Permit Request
Article 40
For
Franklin County Public Service 911 Emergency Communication

Grassy Hill Site – Town of Rocky Mount
Parcel Number 2010010300

From Town of Rocky Mount Zoning Ordinance
Article 40
Wireless Telecommunications Facilities

Description of Proposed Project

The Special use Permit is being requested is for the construction of a new 195' self-support telecommunications tower for use by Franklin County Public Safety. This new tower will replace an existing 160' self-support tower on Grassy Hill. The existing 160' self-support telecommunications tower will be removed once the new Public Safety radio system becomes operational.

The new tower will be used for Franklin County's Public Service 911 Emergency communications network and possible co-location. Additional elements to be modified and constructed for this new tower include removal of an existing 500 gallon propane tank the installation of new 1000 gallon propane tank and pad, the installation of a new 50Kw emergency generator, and a new 4' wide H frame for power connection. The existing building will be reused

Application Submission Requirement responses as per Article 40 of the Town of Rocky Mount zoning ordinance

Article 40

40.7.1 Provide Documents as follows

- Master plan and construction documents are attached showing tower height, antenna locations, co-location points on tower, and ground plan requirements and structures. (See Accompanying)
- Signed and sealed documents of the above and all other signatures and seals will be provided after acceptance of the SUP and prior to the issuance of the zoning compliance certificate. No substantial changes are anticipated from the drawings provided.
- Radio Frequencies are not changing from those presently in use by Franklin County Public Safety 911 Emergency Communications Network
- Tower height's setback, drives, parking, fencing, landscaping, adjacent uses, and other information are provided. (See Accompanying)
- Photographic simulation (See Accompanying)

40.7.2 Engineering Reports certifying the tower is compatible for co-location with a minimum of three similar users.

- Actual sealed structural documents for the tower cannot be provided until tower is ordered. Tower will not be ordered until Special Use Permit is granted. Sealed structural documents will be provided for your records after approval of the SUP and prior to the issuance of the zoning compliance certificate

- We have provided you with the Tom's Knob structural documents which have been approved by Franklin County. The Tom's Knob Tower and the Grassy Hill Tower will be identical. (See Accompanying).
- (Design Appurtenances Loading table may be found on Page 2 of the Tom's Knob Tower Structural)
- We will provide you with signed and sealed drawings and tower structural documents after the SUP and prior to issuance of the zoning compliance certificate.
 - Certificate and sealed drawings will then be forwarded with all the appropriate signed and sealed documents for building permit application through Franklin County

40.7.3- Copies of Applicants' co-location policy

- Franklin County Public Safety has not written co-location policy however the tower is designed for co-location between the Public Safety Antenna and above (See sheet C-10 of the attached preliminary construction documents)

40.7.4 Provide copies of Propagation maps demonstrating that antennas and sites for possible co-locator antennas are no higher in elevation than necessary

- Propagation maps are provided (See Accompanying) Height above future antennas is for future expansion.

40.7.5 – Determination of need by FAA

- FAA Publication , Title 14 Sub-part B, Part 77.13 Construction or alteration requiring notice , does not require FAA notification if the structure is less than 200 feet in height: however, a determination of no hazard study will be performed to insure compliance with FAA rules. The tower will be constructed at less than 200' and the tower will not be lighted...

-

40.7.6 – 30 Days for City Approval or Denial

- 30 Day time of acceptance and/or denial is noted.

40.7.7 -Time frame for construction – must be completed within 90 days

- Tower will be completed within 90 days from when the Franklin County Building permit is issued.

40.8.1 –Governing factors in determining whether to issue a special use permit have been considered.

- Franklin county Public Safety is building a new eight-site P25 800 MHz simulcast trunked radio system. The proposed Grassy Hill tower will be an integral part of the coverage design
- The existing tower is not structurally adequate to support the new antenna systems.
- The existing tower will be removed after construction of the proposed 195' tower.
- This is a new tower on an existing site.

40.8.2 – New Tower Permitting

Reason for New Tower

- This is a replacement tower on an existing site. The existing tower is not of sufficient structural strength to support the applicants proposed antenna and related equipment. We are building the new tower higher for future expansion.

NO.	DATE	DESCRIPTION
0	11/13/19	100% PHOTO SIMULATION MAP
DRAWN BY: TMM		
CHECKED BY: ESK		
APPROVED BY: ESK		

KCI TECHNOLOGIES
 4601 Six Forks Rd., Suite 220
 Raleigh, NC 27609
 Phone: 919-783-9214

Franklin County
 GRASSY HILL TOWER
 1247 SUMMIT DR.
 ROCKY MOUNT, VA 24155

ENGINEER:	W. A. HANCOCK, P.E.
VA LICENSE NO.:	38475
THIS DOCUMENT IS THE PROPERTY OF KCI TECHNOLOGIES, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND LOCATION SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE OR REPRODUCTION OF THIS DOCUMENT WITHOUT THE WRITTEN CONSENT OF KCI TECHNOLOGIES, INC. IS STRICTLY PROHIBITED.	
SCALE:	AS SHOWN
DATE:	11/13/2019
REV. JOB NUMBER:	021517552-0
SHEET NO.:	
PHOTO SIMULATION MAP	
PS-1	

PHOTO LOCATION INDEX

No.	DESCRIPTION
X	PROPOSED GRASSY HILL TOWER SITE
1	TOWN OF ROCKY MOUNT MUNICIPAL BUILDING
2	TOWN OF ROCKY MOUNT EMERGENCY SERVICES

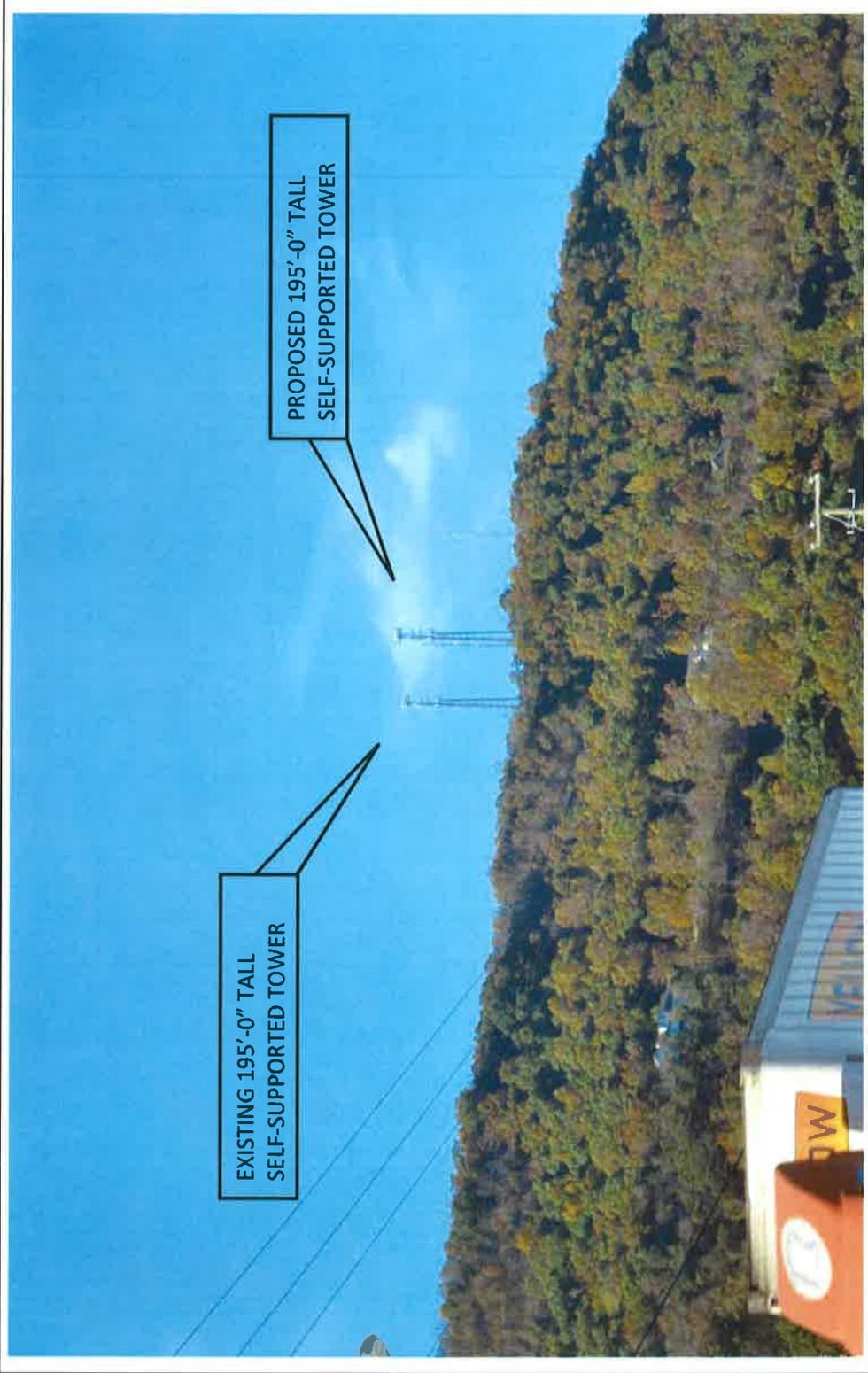


GRAPHIC SCALE
 0 600 1200 2400
 (IN FEET)

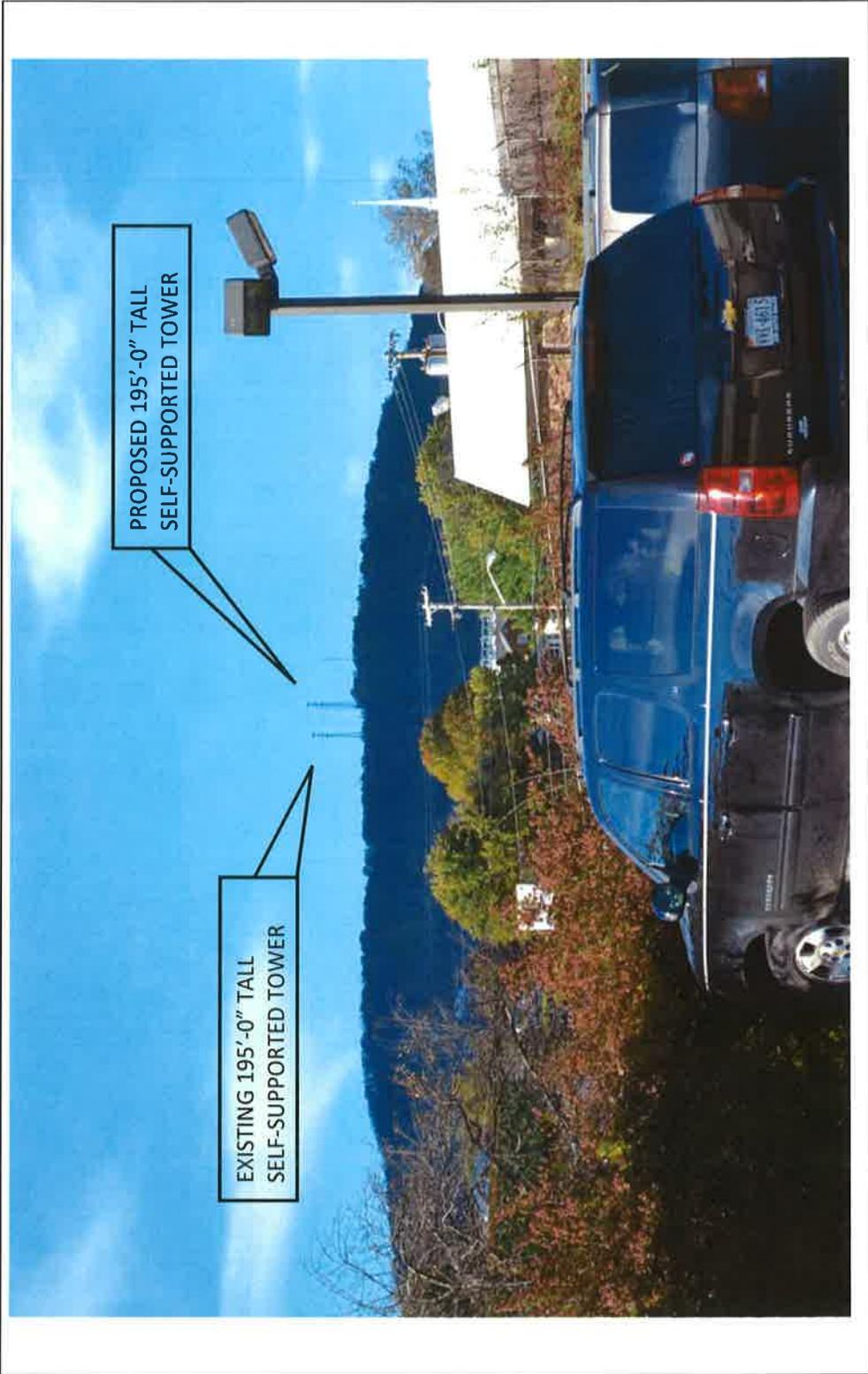
PHOTO SIMULATION MAP
 SCALE: 11X177, 1" = 1200'
 24X36, 1" = 600'

PHOTO LOCATION INDEX

- (X) PROPOSED TOWER SITE
- (X) PHOTO LOCATION - PROPOSED TOWER VISIBLE
- (X) PHOTO LOCATION - PROPOSED TOWER NOT VISIBLE



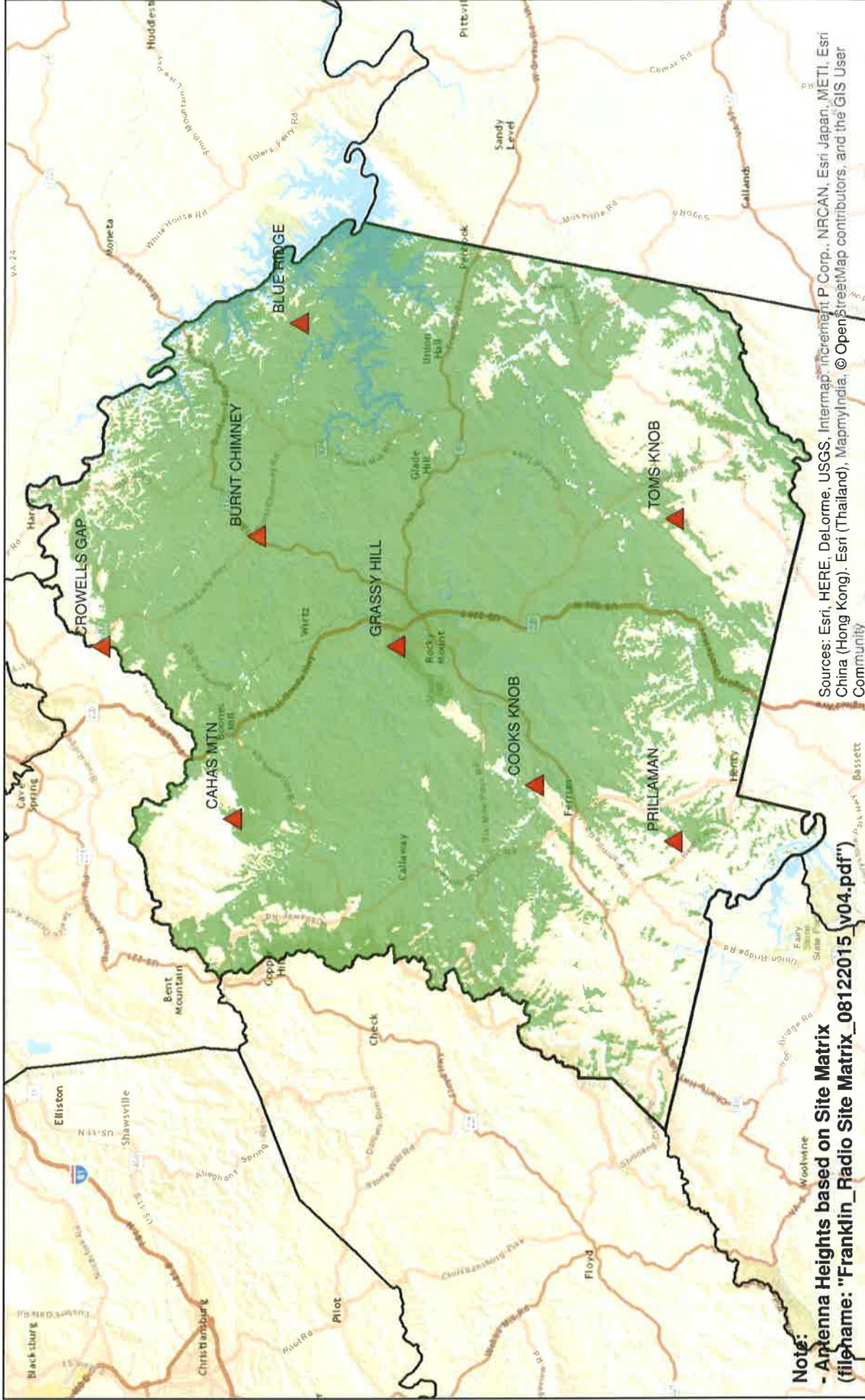
GRASSY HILL TOWER
1247 SUMMIT DR., ROCKY MOUNT, VA 24151
PROPOSED 195'-0" SELF-SUPPORTED TOWER
VIEW FROM ROCKY MOUNT EMERGENCY SERVICES



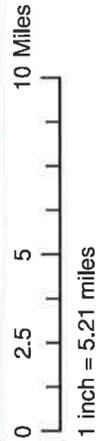
GRASSY HILL TOWER
1247 SUMMIT DR., ROCKY MOUNT, VA 24151
PROPOSED 195'-0" SELF-SUPPORTED TOWER
VIEW FROM ROCKY MOUNT MUNICIPAL BUILDING



**Franklin County, Virginia
800 MHz P25 Radio System
Grassy Hill Talk-In Portable Single Site Coverage
No Building Penetration Loss**

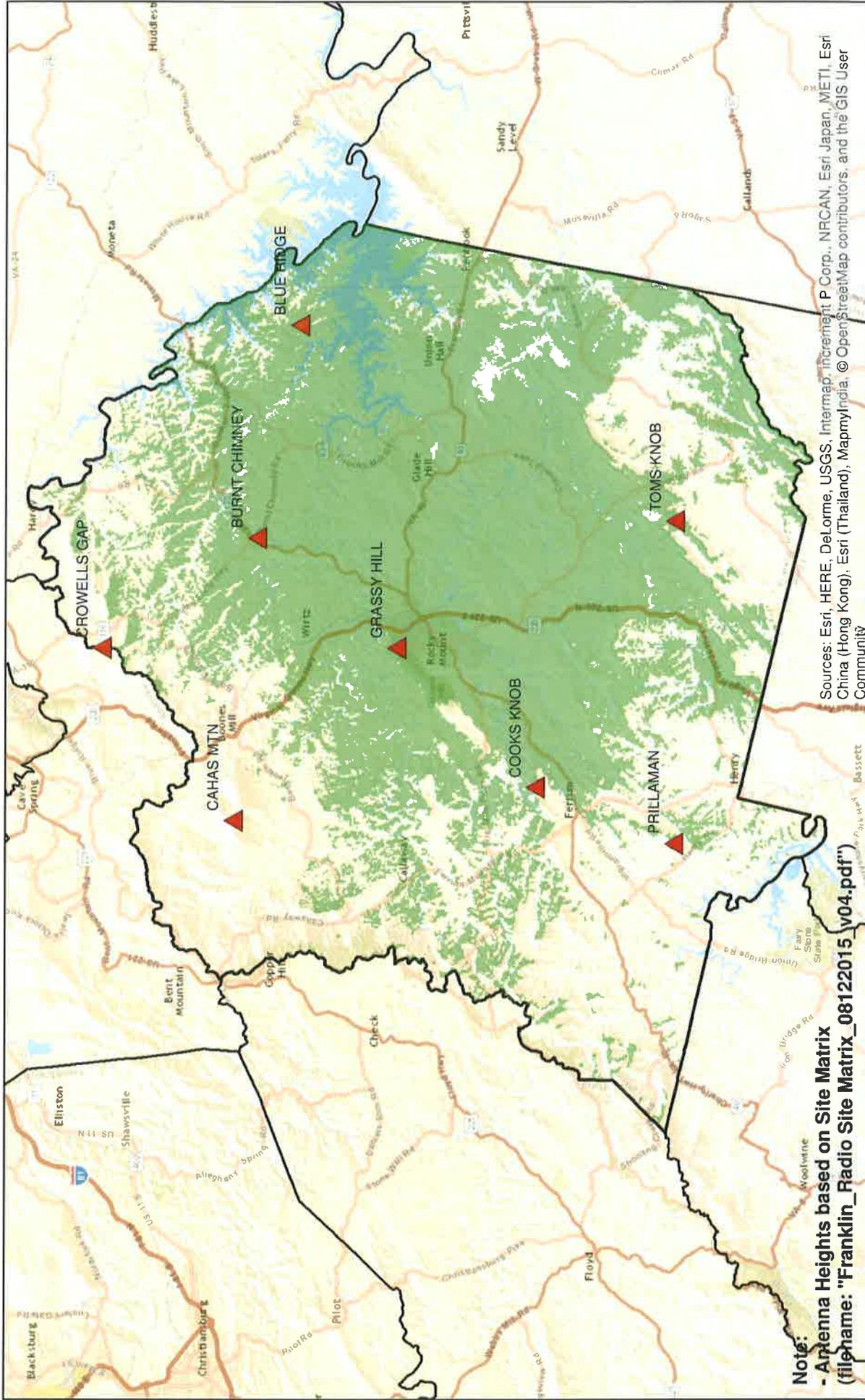


The shaded area represents talk-in coverage from an APX portable at head level, equipped with a 1/2 wave flex whip antenna, with no building loss. 95% or more of the shaded area is covered at DAQ 3.4.





Franklin County, Virginia
 800 MHz P25 Radio System
 Grassy Hill Talkout Portable Single Site Coverage
 No Building Penetration Loss



Note:
 - Antenna Heights based on Site Matrix
 (filename: "Franklin_Radio_Site_Matrix_08122015_v04.pdf")

Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

The shaded area represents talkout coverage to an APX portable at hip level, in a swivel case, equipped with a 1/2 wave flex whip antenna, with no building loss. 95% or more of the shaded area is covered at DAQ 3.4.

CONTRACTOR NOTES

CONTRACTOR SHALL VERIFY A SUFFICIENT UTILITY LOCATION FOR LOCATION OF EXISTING UTILITIES. CONTRACTOR SHALL VERIFY EXISTING UTILITY LOCATIONS BY T&E, P&I AS NECESSARY. LOCATION OF UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE AND FOR PLANNING PURPOSES ONLY.

ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND ORDINANCES, THE LATEST EDITION THEREOF.

CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR THIS PROJECT FROM ALL APPLICABLE GOVERNMENT AGENCIES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.

CONTRACTOR SHALL COORDINATE ALL UTILITY CONNECTIONS WITH APPROPRIATE UTILITY OWNERS.

THESE PLANS ARE NOT FOR RECORDATION OR CONVEYANCE.

EXISTING PAVEMENT AND OTHER SURFACES DISTURBED BY CONTRACTOR (WHICH ARE NOT TO BE REMOVED) SHALL BE REPAIRED TO PRECONSTRUCTION CONDITIONS BY THE CONTRACTOR.

DAMAGE TO UTILITIES OR PROPERTY OF OTHERS BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPAIRED TO LIKE-NEW CONDITION.

NOTIFY "MISS UTILITY OF VIRGINIA" AT 811 OR 1-800-552-7001 - 48 HOURS PRIOR TO DOING ANY EXCAVATION IN THIS AREA.

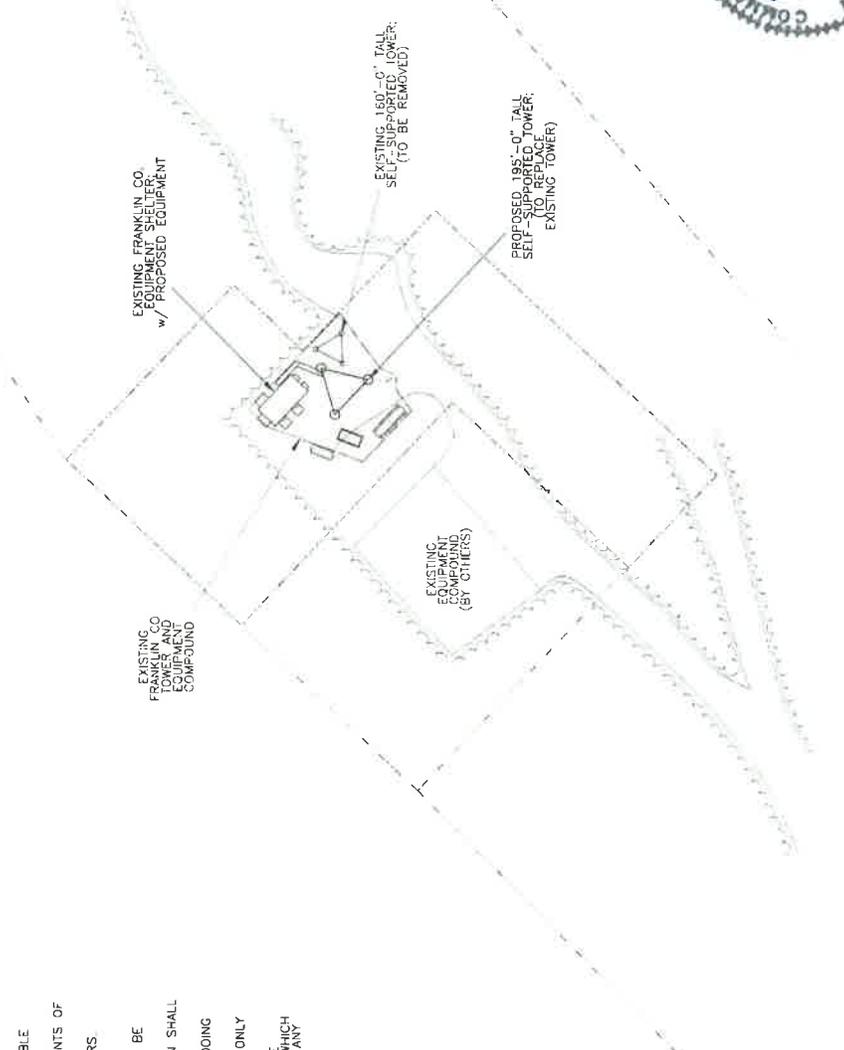
THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE.

THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

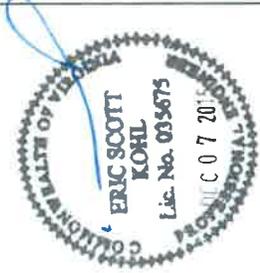
CENTERLINE TOWER DATA	
LAT 37° 01' 27.57" (NAD 83)	
LONG 79° 53' 36.95" (NAD 83)	
AVERAGE GROUND ELEVATION AT CENTERLINE OF TOWER	
ELEV. = @ 1924.00 (NAD 83)	

GENERAL NOTES:

- ALL DISTANCES ARE GROUND UNLESS OTHERWISE NOTED
- HORIZONTAL DATUM IS BASED ON THE VIRGINIA STATE PLANE COORDINATE SYSTEM OF 1985 IN US FEET.
- VERTICAL DATUM IS BASED ON NORTH AMERICAN VERTICAL DATUM OF 1985.
- REFERENCE: DEED BOOK 476, PAGE 880
- THIS PLAN DOES NOT REPRESENT A TITLE SURVEY OF THE PARENT TRACT.
- FLOOD INSURANCE RATE MAP: 51067C0195C, ZONE X.
- INFORMATION SHOWN HEREON IS BASED ON INFORMATION OBTAINED BY THE ENGINEER AS WELL AS INFORMATION OBTAINED IN THE PUBLIC RECORDS OF THE FRANKLIN CO REGISTER OF DEEDS AND TAX ASSESSOR'S OFFICES.
- LANDOWNER INFORMATION:
COUNTY OF FRANKLIN, VA
1255 FRANKLIN ST., SUITE #112
ROCKY MOUNT, VA 24151



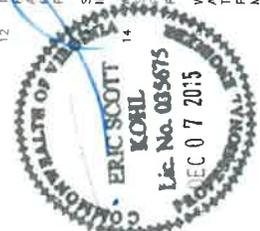
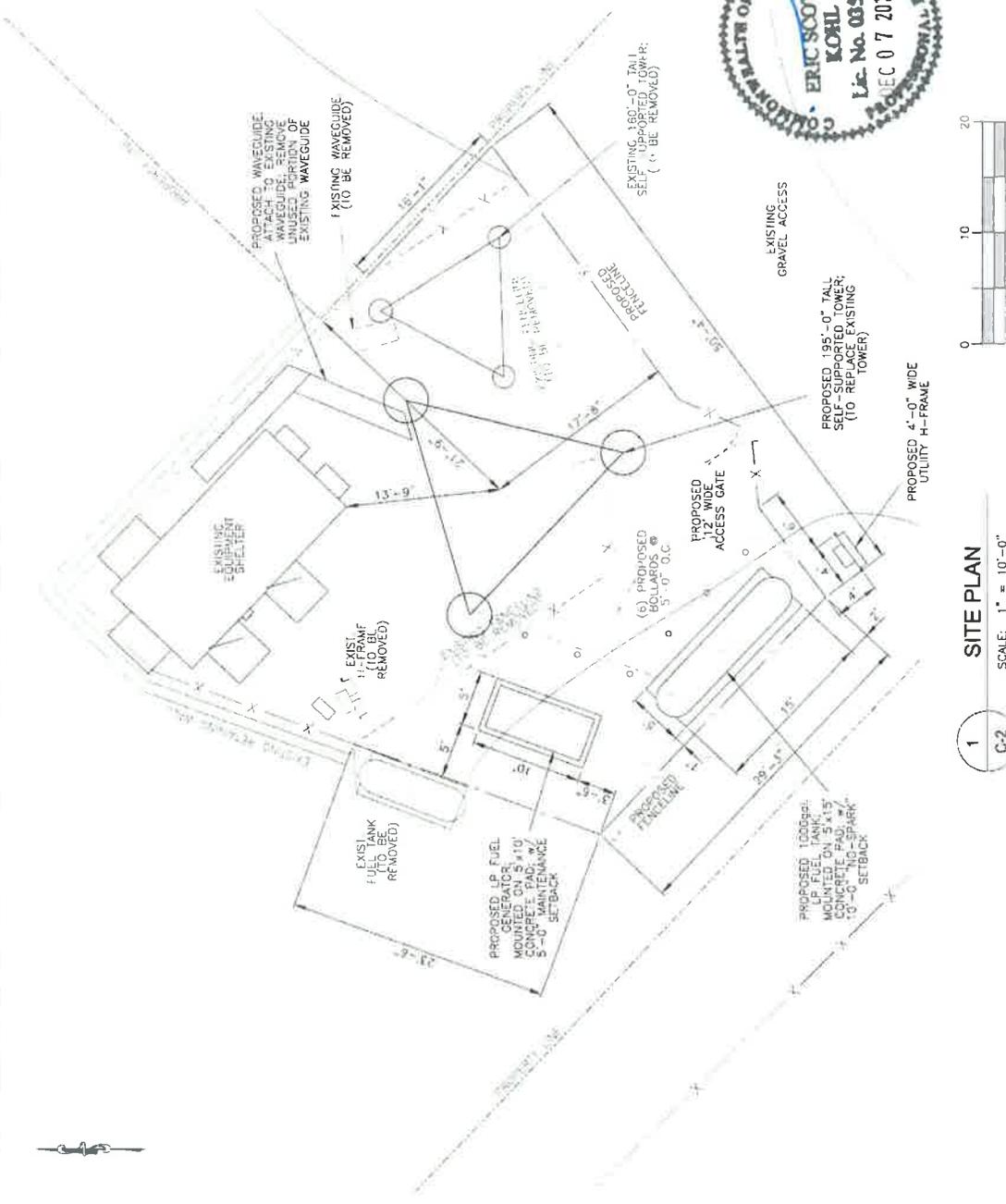
1 SITE OVERVIEW
C-1
SCALE: 1" = 150'-0"



NO. 1008 DATE 11/07/2015 1. 1008 SITE PLAN SUBMISSION	KCI TECHNOLOGIES SUITE 210, LANMARK CENTER II, 4601 SW FORKS ROAD RALEIGH, NORTH CAROLINA 27609 PHONE: (919) 791-9200 ENGINEERS & PLANNERS • ECOLOGISTS	MOTOROLA SOLUTIONS MOTOROLA SOLUTIONS, INC. 7037 COLUMBIA GATEWAY DR 3RD FLOOR COLUMBIA, MARYLAND 21046 CONTACT: GARY SMITH PHONE: (301) 775-4308	GRASSY HILL 1247 SUMMIT DR ROCKY MOUNT, VIRGINIA 24151 FRANKLIN COUNTY, VA	DATE OF ORIGINATION: 03/01/2015 DRAWN BY: TNW APPROVED BY: CHECKED BY: KC# : 0214-7855-D	 FRANKLIN COUNTY, VA PLANNING AND COMMUNITY DEVELOPMENT 1255 FRANKLIN ST., SUITE 03 ROCKY MOUNT, VA 24151 PHONE: (540) 483-3027	SITE OVERVIEW C-1
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CONSTRUCTION NOTES

1. PRIOR TO COMMENCING ANY EXCAVATION OR GRADING, THE CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF ALL SURVEY DATA AS INDICATED IN THE PLANS AND SPECIFICATIONS AND/OR AS PROVIDED BY MOTOROLA.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING ALL ESTABLISHED SURVEY CONTROL POINTS IF THE CONTRACTOR OR ANY OF ITS SUBCONTRACTORS MOVE OR DESTROY ANY SURVEY CONTROL POINTS, THE COST INCURRED BY THE OWNER OR MOTOROLA TO RE-ESTABLISH THEM WILL BE BORNE BY THE CONTRACTOR.
3. THE ACCESS ROAD SHALL BE CLEARED 2.5 FEET ON EITHER SIDE OF THE ROAD BEFORE CLEARING. THE CONTRACTOR SHALL ENSURE THAT THE AREA TO BE CLEARED HAS BEEN PROPERLY MARKED BY THE SURVEYORS AND ANY APPROVALS REQUIRED FROM THE LOCAL AUTHORITIES HAVE BEEN OBTAINED.
4. THE CONTRACTOR SHALL ENSURE THAT ALL THE TREES, SHRUBS, STUMPS AND OTHER SURFACE OBSTRUCTIONS ARE REMOVED AND DISPOSED OF AT AN APPROVED DUMP SITE.
5. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK. WORK PERFORMED ON THE PROJECT AND THE MATERIALS INSTALLED SHALL BE STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
6. THE SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS AND EQUIPMENT NOT SHOWN IN THE BILL OF MATERIALS AS OWNER FURNISHED, AND ALL LABOR DEEMED NECESSARY TO COMPLETE THE WORK/PROJECT AS DESCRIBED HEREIN.
7. THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO PERFORMING WORK TO FAMILIARIZE THEMSELVES WITH THE FIELD CONDITIONS AND VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES OR INTERFERENCES WHICH AFFECT THE WORK OF THIS CONTRACT.
8. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO THE MANUFACTURER'S/BRAND'S SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE CITY, STATE OR LOCAL GOVERNMENT AUTHORITY.
10. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, ASSESSMENTS, SANITARY AND FIREWORKING CONDUITS, ETC. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
11. THE CONTRACTOR SHALL KEEP THE GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, VEGETATION, AND REMOVED EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY PREMISES IN AN APPROPRIATE MANNER IN ACCORDANCE WITH LOCAL, STATE, FEDERAL, AND NATIONAL REGULATIONS AND ORDINANCES. SEED AND MULCH ALL DISTURBED AREAS NOT COVERED BY OTHER MATERIALS IN ACCORDANCE WITH THE SPECIFICATIONS.
12. ANY PROPERTY DAMAGE CAUSED BY THE CONTRACTOR OR HIS OPERATIONS SHALL BE CORRECTED AND/OR RESTORED TO THE SATISFACTION OF THE PROPERTY OWNER(S) AND MOTOROLA AT NO ADDITIONAL COST TO THE PROPERTY OWNER OR MOTOROLA.
13. WHERE POSSIBLE BY THE LOCAL CODES, AN EPA APPROVED HERBICIDE SHALL BE APPLIED TO ALL AREAS PRIOR TO LAYING DOWN THE GEOTEXTILE FABRIC. THE RATE OF APPLICATION OF THIS HERBICIDE SHALL BE A MIN. OF 10 LBS. OF PRODUCT PER ACRE, UNLESS OTHERWISE REQUIRED BY LOCAL CODES OR THE APPLICABLE JURISDICTIONS. THE CONTRACTOR SHALL CHECK THE APPLICABLE REGULATIONS CONCERNING THE APPLICATION OF HERBICIDE. HERBICIDE SHALL NOT BE APPLIED IF GROUND IS FROZEN OR IF DANGER OF DEFOLIANT BEING WASHED BEYOND THE INTENDED AREA IS PRESENT.

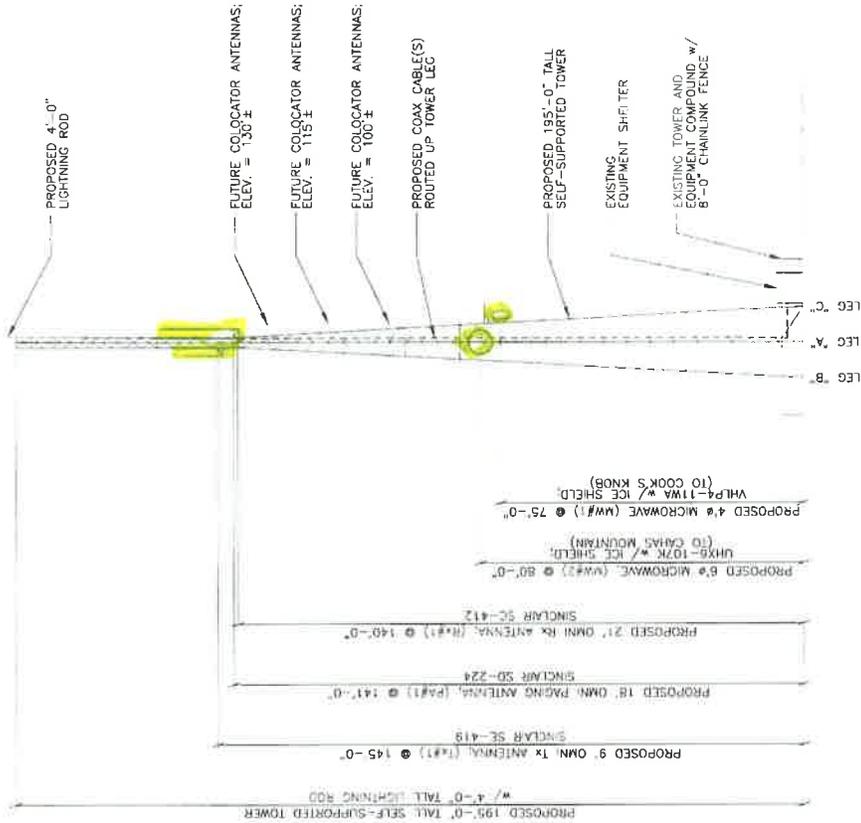


1 SITE PLAN
SCALE: 1" = 10'-0"

NO.	DATE	REVISION
	1/06/11/02/2015	100% SITE PLAN SUBMISSION
KCI TECHNOLOGIES SUITE 220, LANDMARK CENTER II 4801 SIX FORKS ROAD RALPHAN, VIRGINIA 22669 ENGINEERS • PLANNERS • ECOLOGISTS		
MOTOROLA SOLUTIONS 1247 SUMMIT DR ROCKY MOUNT, VIRGINIA 24151 FRANKLIN COUNTY, VA		
GRASSY HILL 1247 SUMMIT DR ROCKY MOUNT, VIRGINIA 24151 FRANKLIN COUNTY, VA		
FRANKLIN COUNTY, VA PLANNING AND COMMUNITY DEVELOPMENT 1255 FRANKLIN ST., SUITE 003 ROCKY MOUNT, VA 24151 PHONE: (540) 485-3027		
<h1>C-2</h1>		

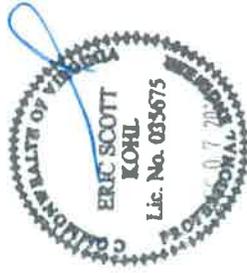
PROPOSED EQUIPMENT AND COAXIAL CABLE SCHEDULE

ANTENNA	ACRONYM	BAND 1	BAND 2	BAND 3	BAND 4
PROPOSED Rx OMNI ANTENNA	Rx#1	GREEN	GREEN	GREEN	GREEN
PROPOSED Tx OMNI ANTENNA	Tx#1	RED	GREEN	GREEN	GREEN
PROPOSED PAGING ANTENNA	PA#1	YELLOW	GREEN	GREEN	GREEN
PROPOSED MICROWAVE #1 (TO COOK'S KNOB)	MW#1	BLUE	GREEN	GREEN	GREEN
PROPOSED MICROWAVE #2 (TO CAHNS MOUNTAIN)	MW#2	BLUE	GREEN	GREEN	RED



GENERAL CONSTRUCTION NOTES

- ALL VERTICAL TRANSMISSION LINE RUNS FROM THE ANTENNAS SHALL BE GROUNDED NEAR THE TOP AND BOTTOM OF THE TOWER (BEFORE THE CABLE MAKES HORIZONTAL TRANSITION AND NEAR THE ENTRY PORT ON THE SHELTER). ALL TRANSMISSION LINES SHALL BE INSTALLED AS NEEDED TO MAINTAIN THE DISTANCE BETWEEN ANTENNAS AS SPECIFIED IN THE SCHEDULING KITS. SHALL BE INSTALLED AS NEEDED TO MAINTAIN THE DISTANCE BETWEEN GROUND KITS TO A RANGE OF 50FT (MIN.) TO 65FT (MAX.). TOWER TOP AMPLIFIER SHALL BE GROUNDED TO TOWER TOP GROUND BAR.
- THE CONTRACTOR SHALL CONDUCT A SWEEP TEST ON ALL THE NEWLY INSTALLED TRANSMISSION LINES TO DETERMINE THE CABLE CONDUCTOR RESISTANCE, CABLE INSERTION LOSS, REFLECTION AND STIMULUS RESPONSE MEASUREMENTS DRIP LOOPS SHALL BE INCORPORATED IN CABLE RUNS TO PREVENT WATER FROM TRICKLING DOWN THE LINES INTO THE BUILDING.
- ALL TRANSMISSION LINES SHALL BE MARKED WITH APPROPRIATE COLOR TAPE BANDS (ONE INCH WIDE COLOR TAPE) FOR IDENTIFICATION NEAR THE ANTENNAS. THE BOTTOM OF THE BANDS SHALL BE MARKED WITH REFLECTIVE TAPE AS WELL AS INSIDE THE BUILDING. BEFORE CONNECTING TO THE SURGE SUPPRESSORS FOR COLOR CODING SCHEME, SEE EQUIPMENT AND CABLE SCHEDULE.



TOWER ELEVATION

SCALE: 1" = 30'-0"

1
C-4

NO.	DATE	REVISION
100%	11/02/2015	LOOK SITE PLAN SUBMISSION

KCI TECHNOLOGIES
 SUITE 202 LANDMARK CENTER II
 RALEIGH, NORTH CAROLINA 27609
 ENGINEERS & PLANNERS + ECOLOGISTS

MOTOROLA SOLUTIONS
 MOTOROLA SOLUTIONS, INC.
 7031 COLUMBIA COUNTRY DR.
 3RD FLOOR
 COLUMBIA, MARYLAND 21046
 CONTACT: CARY SWITH
 PHONE: (301) 775-2305

GRASSY HILL
 1247 SUMMIT DR
 ROCKY MOUNT, VIRGINIA 24151
 FRANKLIN COUNTY, VA

DATE OF ORIGINATION : 03/01/2015
 DRAWN BY : TNW APPROVED BY :
 CHECKED BY : KCF# : 0214-7855-D

FRANKLIN COUNTY, VA
 PLANNING AND
 COMMUNITY DEVELOPMENT
 1266 FRANKLIN ST.
 SUITE 103
 ROCKY MOUNT, VA 24151
 PHONE: (540) 483-3027

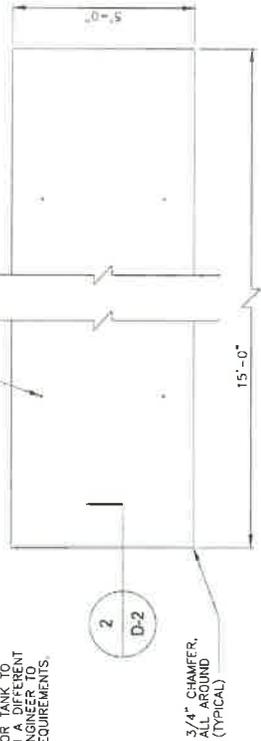
TOWER ELEVATION AND NOTES

C-4

NOTES:

1. CONTRACTOR SHALL MOUNT 1000gpi. LP FUEL TANK TO CONCRETE FOUNDATION ACCORDING TO MANUFACTURER'S SPECIFICATIONS
2. CONTRACTOR SHALL VERIFY EXACT DIMENSIONS WITH SPECIFIC FUEL TANK PROVIDED
3. TANK PROVIDER OR CONTRACTOR MAY DESIRE TO ANCHOR TANK TO A LARGER PAD, OR IN A DIFFERENT MANNER. CONTACT ENGINEER TO VERIFY ANCHORAGE REQUIREMENTS.

ANCHOR PROPOSED FUEL TANK DIRECTLY TO PROPOSED CONCRETE FOUNDATION w/ 1/2" x 4" ANCHOR BOLTS (TYP. OF 4); CONTRACTOR SHALL VERIFY SPACING OF BOLTS WITH FUEL TANK PROVIDER

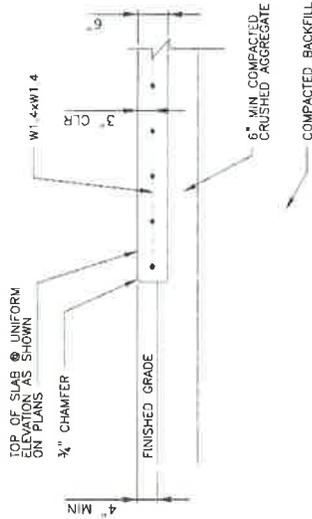


FUEL TANK FOUNDATION

NOT TO SCALE

NOTES:

1. PAD-ON-GRADE SHALL BE PLACED OVER 6" MIN. AASHTO NO. 57 GRAVEL ON WELL COMPACTED SOIL TO BEARING PRESSURE OF 2000 PSF MIN.
2. VERIFY ALL UNDERGROUND SERVICES AND CONDUIT LOCATIONS PRIOR TO PAD FOUNDATION EXCAVATION.
3. VERIFY SIZE AND PAD REQUIREMENTS OF FUEL TANK WITH EQUIPMENT SUPPLIER PRIOR TO PAD FOUNDATION EXCAVATION.
4. VERIFY SIZE, LOCATION, AND NUMBER OF STRAPS WITH EQUIPMENT SUPPLIER.



FUEL TANK FOUNDATION SECTION

NOT TO SCALE

GENERAL CONCRETE NOTES

1. CONCRETE SHALL ATTAIN A MINIMUM COMPRESSED STRENGTH OF 3,000 PSI IN 28 DAYS (2,000 PSI PRIOR TO BACKFILL). CONTINUOUS INSPECTION IS NOT REQUIRED. CONCRETE SHALL CONFORM TO SLUMP: 4" MIN / 6" MAX AND AIR ENTRAINMENT: 2% - 5% BY VOLUME.
2. MAXIMUM COARSE AGGREGATE SIZE SHALL BE 3/4"
3. REINFORCEMENT SHALL BE NEW BULLET STEEL DEFORMED BARS CONFORMING TO ASTM SPECIFICATIONS "A615 GRADE 60."
4. REINFORCEMENT SHALL COMPLY WITH THE LATEST EDITION OF ACI FOR MINIMUM CLEARANCES.
5. ALL EMBEDDED ITEMS SHALL BE SECURELY HELD IN POSITION PRIOR TO PLACEMENT OF CONCRETE. ALL CONCRETE SHALL BE READY-MIXED IN ACCORDANCE WITH ASTM C9-4.
6. MAINTAIN TEMPERATURE OF CAST IN PLACE CONCRETE AT BETWEEN 50°F AND 90°F.
7. DO NOT USE RETEMPERED CONCRETE, OR ADD WATER TO READY-MIX CONCRETE AT THE JOB SITE.
8. MINIMUM REBAR SPLICES SHALL BE 4D DIAMETERS. MAKE BARS CONTINUOUS. MINIMUM OVERLAP SHALL BE 6D. TENSION LAPS UNLESS NOTED OTHERWISE.
9. CONTRACTOR SHALL CONSTRUCT ENTIRE FOUNDATION FOOTING PRIOR TO BACKFILLING AND POURING SLAB.

GENERAL FOUNDATION NOTES

1. CONTRACTOR SHALL GRADE SITE TO PROVIDE LEVEL FOUNDATION FOR SHELTER AND GENERATOR.
2. IF FOUND ROCK IS ENCOUNTERED, PREPARE AND INSTALLATION OF SHELTER OR GENERATOR MAY BE DELAYED. FOUNDING ROCK SHALL BE MINIMUM OF 12" INTO FOUNDATION. REBAR AT 18" ON CENTER INTO ROCK SHALL BE MINIMUM OF 12" INTO FOUNDATION AND ANCHOR REBAR WITH HIGH STRENGTH GROUT.
3. REBARS SHALL BE SUPPORTED ON GALVANIZED CHAIRS OR BRICKS. "PULL-UP" OF REINFORCEMENT AT THE TIME OF CONCRETE PLACEMENT IS NOT ALLOWED.



NO.	DATE	REVISION
1	11/02/2015	ISSUE SITE PLAN SUBMISSION

KCI TECHNOLOGIES
 SUITE 220, LANDMARK CENTER II
 4501 SW FORS ROAD
 RALEIGH, NC 27609
 (919) 783-3214
 ENGINEERS • PLANNERS • ECOLOGISTS

MOTOROLA SOLUTIONS
 MOTOROLA SOLUTIONS, INC.
 7031 COLUMBIA GATEWAY DR.
 3RD FLOOR
 COLUMBIA, MARYLAND 21046
 CONTACT: GRAY SMITH
 PHONE: (301) 745-2309

GRASSY HILL
 1247 SUMMIT DR
 ROCKY MOUNT, VIRGINIA 24151
 FRANKLIN COUNTY, VA

DATE OF ORIGINATION: 03/21/2015
 DRAWN BY: TNW APPROVED BY: [Signature]
 CHECKED BY: KCF 0214-7855-D

FRANKLIN COUNTY, VA
 PLANNING AND
 COMMUNITY DEVELOPMENT
 1255 FRANKLIN ST.,
 SUITE 103
 ROCKY MOUNT, VA 24151
 PHONE: (540) 483-3027

CONSTRUCTION
 DETAILS
D-2

SCALE



Structural Design Report
195' S3TL Series HD1 Self-Supporting Tower
Site: Blue Ridge LLC, VA

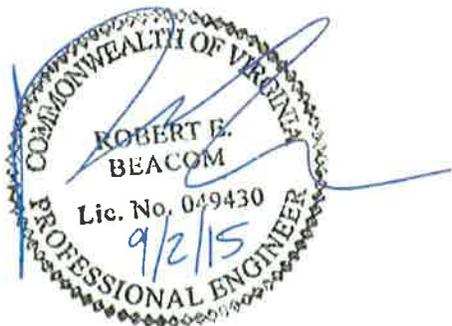
IDENTICAL TOWER SPECS

Prepared for: MOTOROLA ISPO
by: Sabre Towers & Poles™

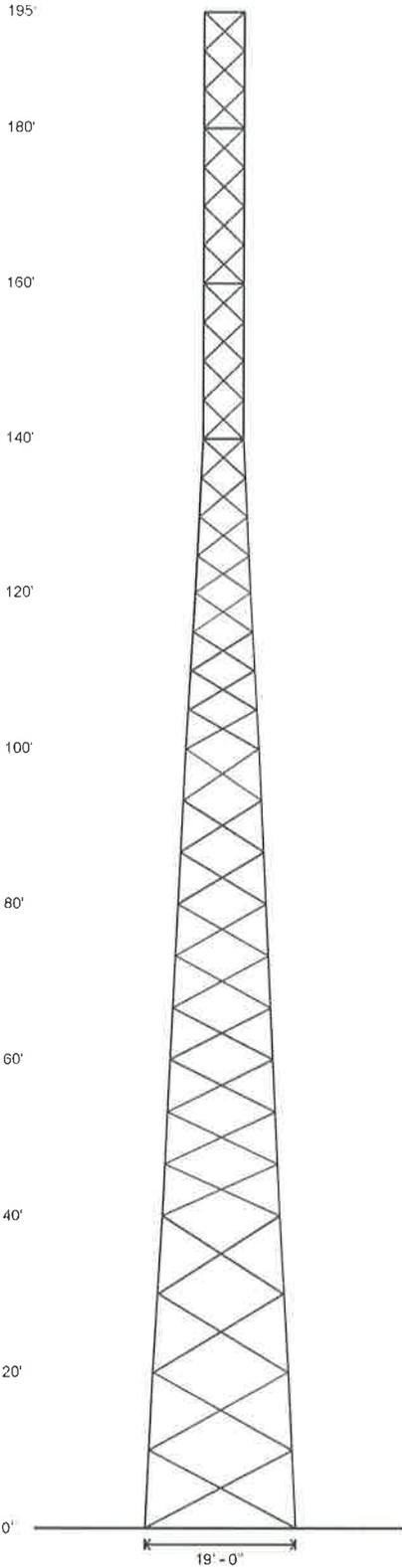
Job Number: 126087

September 2, 2015

Tower Profile.....	1-2
Foundation Design Summary.....	3
Maximum Leg Loads.....	4
Maximum Diagonal Loads.....	5
Maximum Foundation Loads.....	6
Calculations.....	7-19



Legs	8.625 OD X .322	5.563 OD X .500	5.563 OD X .375	4.500 OD X .337	4.000 OD X .318	3.500 OD X .216	2.875 OD X .203	2.375 OD X .154
Diagonals	L 3 1/2 X 3 1/2 X 1/4	A	L 3 X 3 X 3/16	B			L 2 X 2 X 1/8	
Horizontals		(1) 3/4"	NONE			C	NONE	C
Brace Bolts								
Top Face Width	17'	15'	11'	9'	7'			
Panel Count/Height	4 @ 10'		9 @ 5.6667'				19 @ 5'	
Section Weight	3657	3305	2459	1878	1450	1062	865	721
			2587					565



Base Reactions

Total Foundation		Individual Footing	
Shear (kips)	48,52	Shear (kips)	28,23
Axial (kips)	104,29	Compression (kips)	287
Moment (ft-kips)	4522	Uplift (kips)	252
Torsion (ft-kips)	22,14		

Material List

Display	Value
A	L 3 1/2 X 3 X 1/4 (SLV)
B	L 2 1/2 X 2 1/2 X 3/16
C	L 2 X 2 X 1/8

Notes

- 1) All legs are 50 ksi.
- 2) All braces are 36 ksi.
- 3) All brace bolts are A325-X.
- 4) The tower model is S3TL Series HD1.
- 5) Transmission lines are to be attached to standard 12 hole waveguide ladders with stackable hangers.
- 6) Azimuths are relative (not based on true north).
- 7) Foundation loads shown are maximums.
- 8) (6) 1 1/2" dia. F1554 grade 105 anchor bolts per leg. Minimum 58" embedment from top of concrete to top of nut.
- 9) All unequal angles are oriented with the short leg vertical.
- 10) Weights shown are estimates. Final weights may vary.
- 11) This tower was designed for a basic wind speed of 90 mph with 0" of radial ice, and 30 mph with 3/4" of radial ice, in accordance with ANSI/TIA-222-G, Structure Class III, Exposure Category C, Topographic Category 1.
- 12) The foundation loads shown are factored loads.

	Sabre Communications Corporation 7101 Southbridge Drive P.O. Box 658 Sioux City, IA 51102-0658 Phone: (515) 253-6293 Fax: (712) 279-0214	Job: 126087 Customer: MOTOROLA ISPO Site Name: Blue Ridge LLC, VA Description: 195' S3TL Date: 9/2/2015	By: REB
	<small>Information contained herein is the sole property of Sabre Communications Corporation, constitutes a trade secret as defined by Iowa Code Ch. 550 and shall not be reproduced, copied or used in whole or part for any purpose whatsoever without the prior written consent of Sabre Communications Corporation.</small>		

Designed Appurtenance Loading

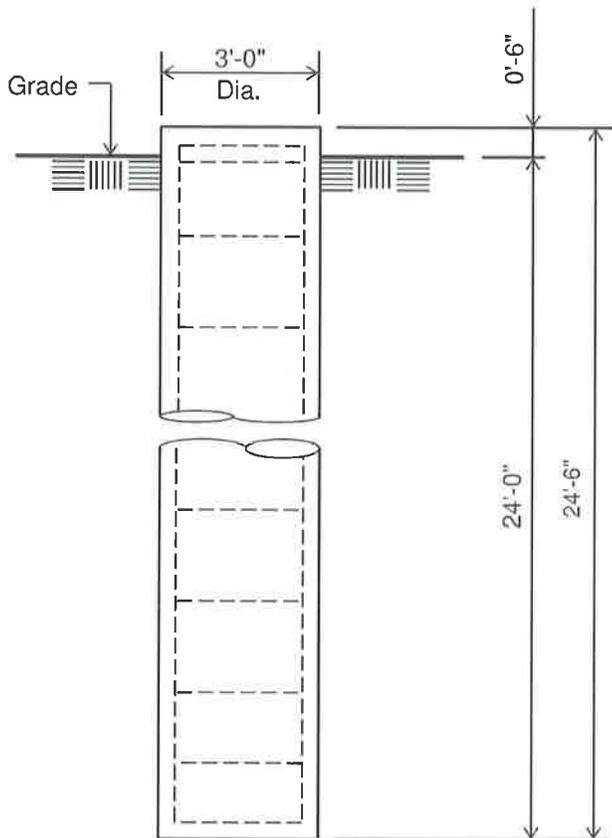
Elev	Description	Tx-Line	Elev	Description	Tx-Line
179	6ft Sidearm		85	(1) 8' Ice Shield	
179	(1) SE419-SF1P2LDF	(1) 1 5/8"	85	(1) 8' Ice Shield	
174	6ft Sidearm		80	(2) Leg Dish Mount	
174	(1) SE414-SF2P2LNF	(1) 1 5/8"	80	(2) 8' H.P. Dishes	(2) 1 5/8"
160	(1) SD224		75	(1) 8' Ice Shield	
151	6ft Sidearm		71	(1) 8' Ice Shield	
151		(1) 1 5/8"	70	Leg Dish Mount	
140	(3) 6ft Sidearms		70	(1) 8' H.P. Dish	(1) 1 5/8"
140	(3) 8' X 1' X 6INs	(3) 1 5/8"	66	Leg Dish Mount	
130	(3) 6ft Sidearms		66	(1) 8' H.P. Dish	(1) 1 5/8"
130	(3) 8' X 1' X 6INs	(3) 1 5/8"	35	(1) 8' Ice Shield	
120	(3) 6ft Sidearms		30	Leg Dish Mount	
120	(3) 8' X 1' X 6INs	(3) 1 5/8"	30	(1) 8' H.P. Dish	(1) 1 5/8"

	Sabre Communications Corporation 7101 Southbridge Drive P.O. Box 658 Sioux City, IA 51102-0658 Phone (712) 253-6990 Fax (712) 279-0814	Job: 126087 Customer: MOTOROLA ISPO Site Name: Blue Ridge LLC. VA Description: 195' S3TL Date: 9/2/2015
	Information contained herein is the sole property of Sabre Communications Corporation, constitutes a trade secret as defined by Iowa Code Ch. 560 and shall not be reproduced, copied or used in whole or part for any purpose whatsoever without the prior written consent of Sabre Communications Corporation.	By: REB

Customer: MOTOROLA ISPO

Site: Blue Ridge LLC, VA

195 ft. Model S3TL Series HD1 Self Supporting Tower At
90 mph Wind with no ice and 30 mph Wind with 0.75 in. Ice per ANSI/TIA-222-G.
Antenna Loading per Page 1



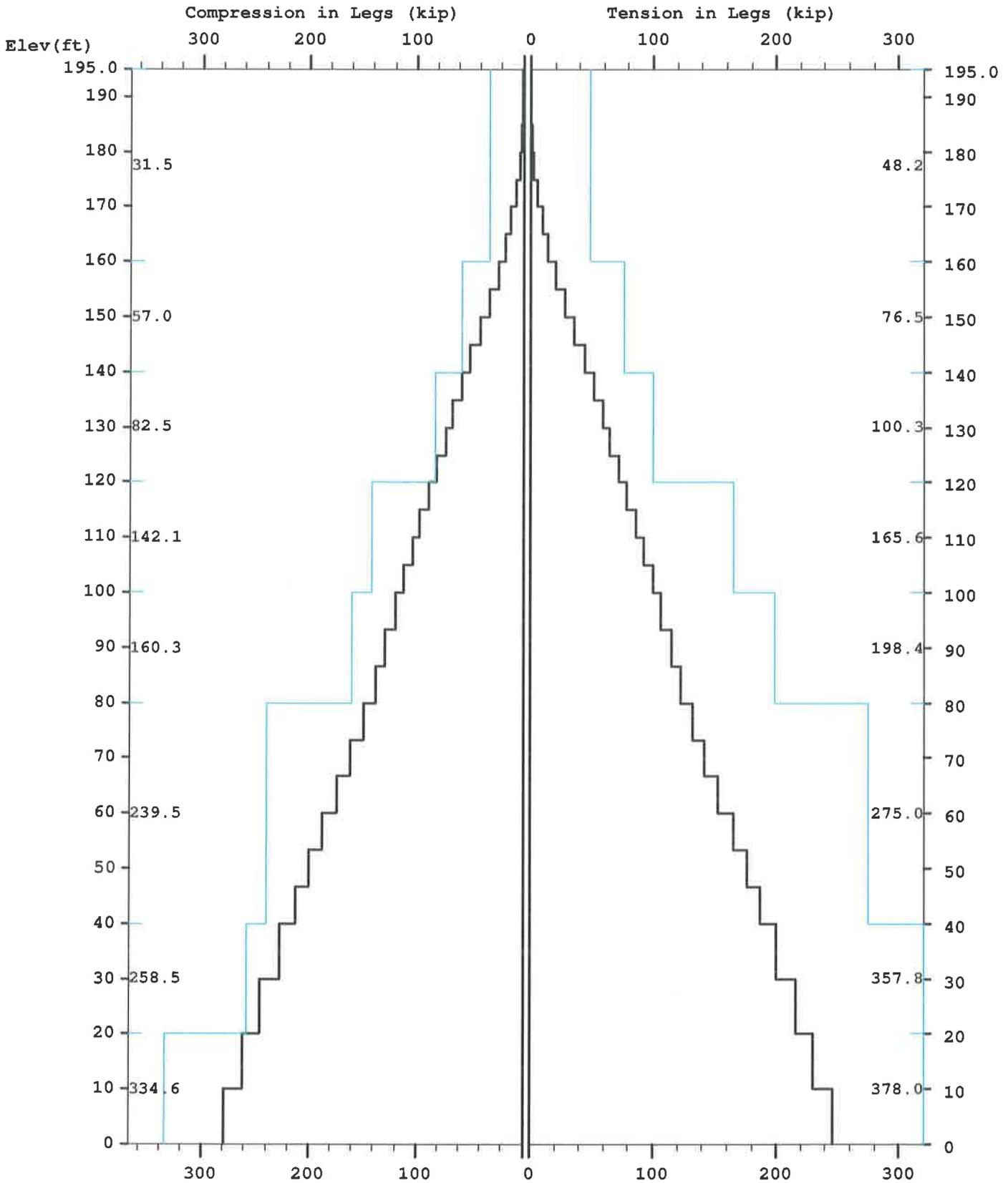
ELEVATION VIEW
(6.41 Cu. Yds. each)
(3 REQUIRED; NOT TO SCALE)

Notes:

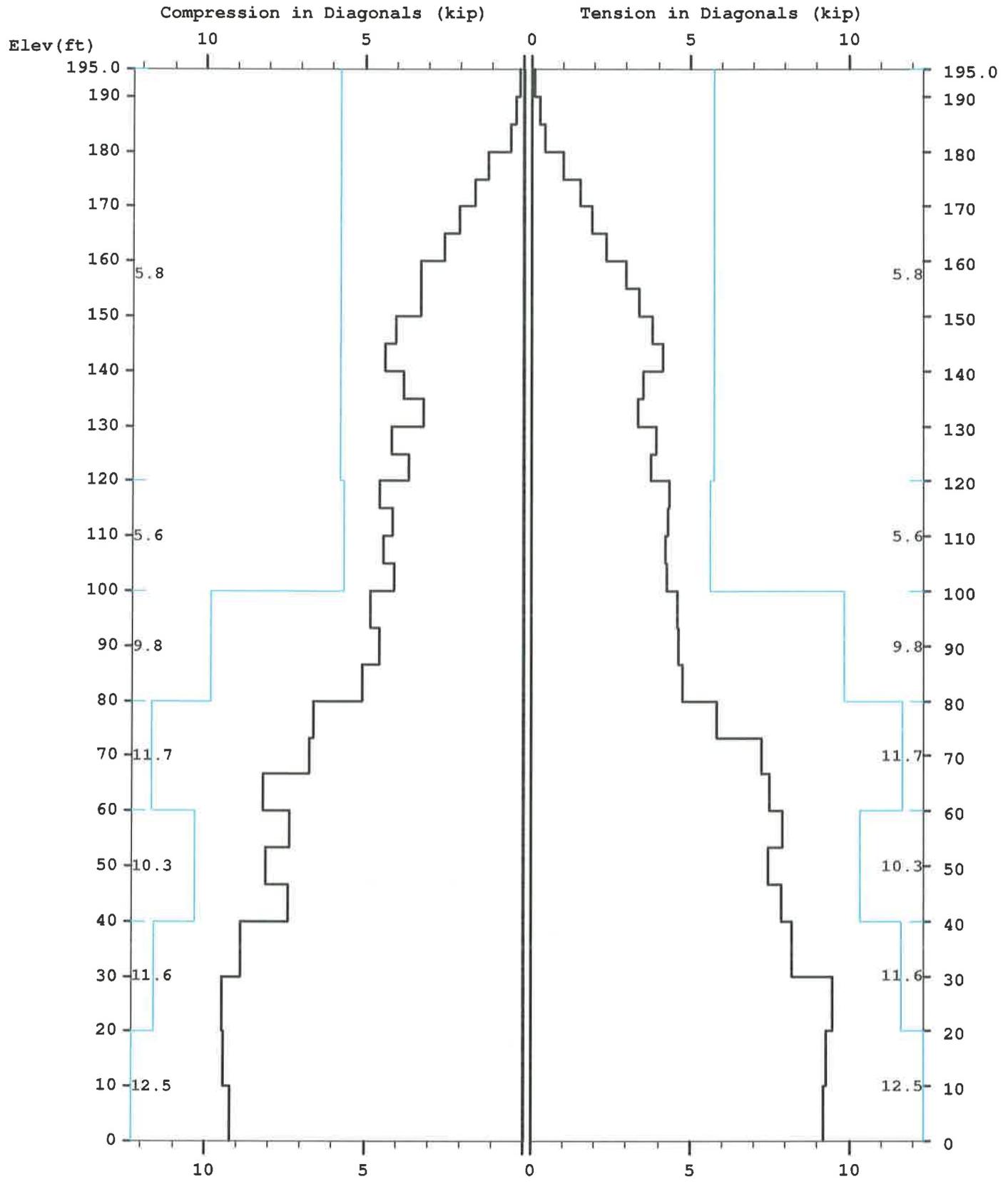
- 1). Concrete shall have a minimum 28-day compressive strength of 4500 PSI, in accordance with ACI 318-05.
- 2). Rebars to conform to ASTM specification A615 Grade 60.
- 3). All rebar to have a minimum of 3" concrete cover.
- 4). All exposed concrete corners to be chamfered 3/4".
- 5). The foundation design is based on the geotechnical report by Terracon, Project No. 70155139, dated August 28, 2015
- 6). See the geotechnical report for drilled pier installation requirements, if specified.
- 7). The foundation is based on the following factored loads:
Factored uplift (kips) = 252
Factored download (kips) = 287
Factored shear (kips) = 28
- 8). This is a design drawing only. Please see final construction drawings for all installation details.

Rebar Schedule per Pier	
Pier	(14) #7 vertical rebar w/#4 ties, two (2) within top 5" of pier then 12" C/C

Maximum

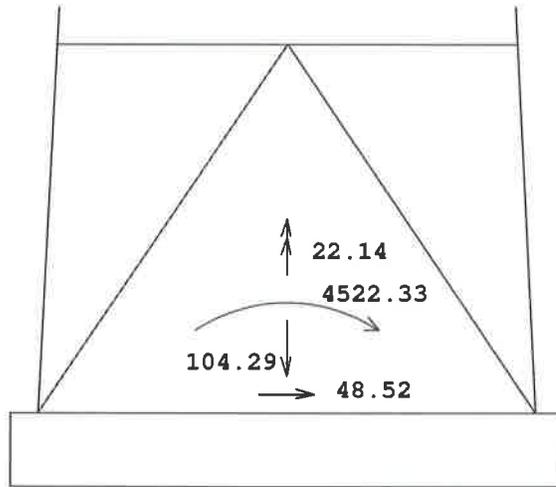


Maximum

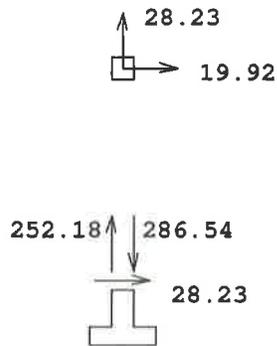


Maximum

TOTAL FOUNDATION LOADS (kip, ft-kip)



INDIVIDUAL FOOTING LOADS (kip)



Latticed Tower Analysis (Unguyed)
 Processed under license at:

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Sabre Towers and Poles

on: 22 jul 2015 at: 8:01:12

MAST GEOMETRY (ft)

PANEL TYPE	NO.OF LEGS	ELEV.AT BOTTOM	ELEV.AT TOP	F.W..AT BOTTOM	F.W..AT TOP	TYPICAL PANEL HEIGHT
X	3	190.00	195.00	5.00	5.00	5.00
X	3	180.00	190.00	5.00	5.00	5.00
X	3	175.00	180.00	5.00	5.00	5.00
X	3	160.00	175.00	5.00	5.00	5.00
X	3	155.00	160.00	5.00	5.00	5.00
X	3	140.00	155.00	5.00	5.00	5.00
X	3	135.00	140.00	5.50	5.00	5.00
X	3	120.00	135.00	7.00	5.50	5.00
X	3	100.00	120.00	9.00	7.00	5.00
X	3	80.00	100.00	11.00	9.00	6.67
X	3	60.00	80.00	13.00	11.00	6.67
X	3	40.00	60.00	15.00	13.00	6.67
X	3	20.00	40.00	17.00	15.00	10.00
X	3	0.00	20.00	19.00	17.00	10.00

MEMBER PROPERTIES

MEMBER TYPE	BOTTOM ELEV ft	TOP ELEV ft	X-SECTN AREA in.sq	RADIUS OF GYRAT in	ELASTIC MODULUS ksi	THERMAL EXPANSN /deg
LE	160.00	195.00	1.075	0.787	29000.	0.0000116
LE	140.00	160.00	1.704	0.787	29000.	0.0000116
LE	120.00	140.00	2.228	0.787	29000.	0.0000116
LE	100.00	120.00	3.678	0.787	29000.	0.0000116
LE	80.00	100.00	4.407	0.787	29000.	0.0000116
LE	40.00	80.00	6.111	0.787	29000.	0.0000116
LE	20.00	40.00	7.952	0.787	29000.	0.0000116
LE	0.00	20.00	8.399	0.787	29000.	0.0000116
DI	100.00	195.00	0.484	0.626	29000.	0.0000116
DI	80.00	100.00	0.902	0.626	29000.	0.0000116
DI	40.00	80.00	1.090	0.626	29000.	0.0000116
DI	20.00	40.00	1.562	0.626	29000.	0.0000116
DI	0.00	20.00	1.688	0.626	29000.	0.0000116
HO	190.00	195.00	0.484	0.626	29000.	0.0000116
HO	175.00	180.00	0.484	0.626	29000.	0.0000116
HO	155.00	160.00	0.484	0.626	29000.	0.0000116
HO	135.00	140.00	0.484	0.626	29000.	0.0000116

FACTORED MEMBER RESISTANCES

BOTTOM ELEV ft	TOP ELEV ft	LEGS		DIAGONALS		HORIZONTALS		INT BRACING	
		COMP kip	TENS kip	COMP kip	TENS kip	COMP kip	TENS kip	COMP kip	TENS kip
190.0	195.0	31.48	48.15	5.76	5.76	5.76	5.76	0.00	0.00
180.0	190.0	31.48	48.15	5.76	5.76	0.00	0.00	0.00	0.00
175.0	180.0	31.48	48.15	5.76	5.76	5.76	5.76	0.00	0.00
160.0	175.0	31.48	48.15	5.76	5.76	0.00	0.00	0.00	0.00
155.0	160.0	57.04	76.50	5.76	5.76	5.76	5.76	0.00	0.00
140.0	155.0	57.04	76.50	5.76	5.76	0.00	0.00	0.00	0.00
135.0	140.0	82.52	100.35	5.76	5.76	5.76	5.76	0.00	0.00
120.0	135.0	82.52	100.35	5.76	5.76	0.00	0.00	0.00	0.00
100.0	120.0	142.05	165.60	5.63	5.63	0.00	0.00	0.00	0.00
80.0	100.0	160.28	198.45	9.84	9.84	0.00	0.00	0.00	0.00
60.0	80.0	239.46	274.95	11.69	11.69	0.00	0.00	0.00	0.00
40.0	60.0	239.46	274.95	10.34	10.34	0.00	0.00	0.00	0.00
20.0	40.0	258.49	357.75	11.62	11.62	0.00	0.00	0.00	0.00
0.0	20.0	334.65	378.00	12.53	12.53	0.00	0.00	0.00	0.00

* Only 3 condition(s) shown in full

* Some wind loads may have been derived from full-scale wind tunnel testing

LOADING CONDITION A

90 mph wind with no ice. Wind Azimuth: 0°

PL - 0

MAST LOADING

LOAD TYPE	ELEV ft	APPLY.. RADIUS ft	LOAD..AT AZI	LOAD AZI	.....FORCES.....		.....MOMENTS.....	
					HORIZ kip	DOWN kip	VERTICAL ft-kip	TORSNAL ft-kip
C	179.0	0.00	0.0	0.0	0.75	0.39	0.00	0.00
C	174.0	0.00	0.0	0.0	0.47	0.38	0.00	0.00
C	160.0	0.00	0.0	0.0	0.17	0.04	0.00	0.00
C	151.0	0.00	0.0	0.0	0.43	0.36	0.00	0.00
C	140.0	0.00	0.0	0.0	1.51	1.37	0.00	0.00
C	130.0	0.00	0.0	0.0	1.49	1.37	0.00	0.00
C	120.0	0.00	0.0	0.0	1.46	1.37	0.00	0.00
C	85.0	0.00	0.0	0.0	0.27	0.96	0.00	0.00
C	85.0	0.00	0.0	0.0	0.27	0.96	0.00	0.00
C	75.0	0.00	0.0	0.0	0.26	0.96	0.00	0.00
C	71.0	0.00	0.0	0.0	0.26	0.96	0.00	0.00
C	35.0	0.00	0.0	0.0	0.22	0.96	0.00	0.00
D	195.0	0.00	180.0	0.0	0.07	0.04	0.00	0.00
D	190.0	0.00	180.0	0.0	0.07	0.04	0.00	0.00
D	190.0	0.00	180.0	0.0	0.06	0.03	0.00	0.00
D	180.0	0.00	180.0	0.0	0.06	0.03	0.00	0.00
D	180.0	0.00	42.0	0.0	0.14	0.04	0.01	0.09
D	175.0	0.00	42.0	0.0	0.14	0.04	0.01	0.09
D	175.0	0.00	42.0	0.0	0.14	0.04	0.01	0.11
D	160.0	0.00	42.0	0.0	0.14	0.04	0.01	0.11
D	160.0	0.00	42.0	0.0	0.15	0.05	0.01	0.11
D	155.0	0.00	42.0	0.0	0.15	0.05	0.01	0.11
D	155.0	0.00	42.0	0.0	0.14	0.05	0.02	0.11
D	140.0	0.00	42.0	0.0	0.14	0.05	0.02	0.11
D	140.0	0.00	43.2	0.0	0.16	0.07	0.02	0.11
D	130.0	0.00	45.7	0.0	0.15	0.06	0.02	0.10
D	130.0	0.00	38.1	0.0	0.15	0.06	0.04	0.10
D	120.0	0.00	40.1	0.0	0.15	0.07	0.03	0.10
D	120.0	0.00	33.9	0.0	0.15	0.09	0.05	0.10
D	100.0	0.00	38.5	0.0	0.16	0.09	0.04	0.10
D	100.0	0.00	28.7	0.0	0.16	0.11	0.06	0.10
D	80.0	0.00	26.3	0.0	0.17	0.12	0.06	0.10
D	80.0	0.00	22.9	0.0	0.18	0.15	0.08	0.09
D	53.3	0.00	20.0	0.0	0.18	0.16	0.10	0.09
D	53.3	0.00	20.8	0.0	0.18	0.16	0.09	0.09
D	40.0	0.00	21.6	0.0	0.18	0.17	0.09	0.09
D	40.0	0.00	17.2	0.0	0.15	0.19	0.11	0.08
D	20.0	0.00	16.7	0.0	0.15	0.20	0.12	0.08
D	20.0	0.00	15.7	0.0	0.15	0.21	0.13	0.07
D	0.0	0.00	16.5	0.0	0.15	0.22	0.12	0.07

ANTENNA LOADING

ANTENNA TYPE	ELEV ft	AZI	ATTACHMENT		.....ANTENNA FORCES.....			
			RAD ft	AZI	AXIAL kip	SHEAR kip	GRAVITY kip	TORSION ft-kip
HP	80.0	0.0	7.8	0.0	2.11	0.00	0.54	0.00
HP	80.0	180.0	7.8	120.0	-1.70	0.00	0.54	0.00
HP	70.0	0.0	8.4	0.0	2.05	0.00	0.54	0.00
HP	66.0	180.0	8.7	240.0	-1.63	0.00	0.54	0.00
HP	30.0	0.0	10.7	0.0	1.72	0.00	0.54	0.00

SUPPRESS PRINTING

LOADS INPUT	...FOR THIS LOADING..			.....MAXIMUMS.....			
	DISPL	MEMBER FORCES	FOUNDN LOADS	ALL	DISPL	MEMBER FORCES	FOUNDN LOADS
no	yes	yes	yes	no	no	no	no

LOADING CONDITION k

90 mph wind with no ice. Wind Azimuth: 0

PL - 0

MAST LOADING

=====

LOAD TYPE	ELEV ft	APPLY... RADIUS ft	LOAD... AZI	LOAD AZI	.....FORCES.....		.....MOMENTS.....	
					HORIZ kip	DOWN kip	VERTICAL ft-kip	TORSNAL ft-kip
C	179.0	0.00	0.0	0.0	0.75	0.29	0.00	0.00
C	174.0	0.00	0.0	0.0	0.47	0.28	0.00	0.00
C	160.0	0.00	0.0	0.0	0.17	0.03	0.00	0.00
C	151.0	0.00	0.0	0.0	0.43	0.27	0.00	0.00
C	140.0	0.00	0.0	0.0	1.51	1.03	0.00	0.00
C	130.0	0.00	0.0	0.0	1.49	1.03	0.00	0.00
C	120.0	0.00	0.0	0.0	1.46	1.03	0.00	0.00
C	85.0	0.00	0.0	0.0	0.27	0.72	0.00	0.00
C	85.0	0.00	0.0	0.0	0.27	0.72	0.00	0.00
C	75.0	0.00	0.0	0.0	0.26	0.72	0.00	0.00
C	71.0	0.00	0.0	0.0	0.26	0.72	0.00	0.00
C	35.0	0.00	0.0	0.0	0.22	0.72	0.00	0.00
D	195.0	0.00	180.0	0.0	0.07	0.03	0.00	0.00
D	190.0	0.00	180.0	0.0	0.07	0.03	0.00	0.00
D	190.0	0.00	180.0	0.0	0.06	0.02	0.00	0.00
D	180.0	0.00	180.0	0.0	0.06	0.02	0.00	0.00
D	180.0	0.00	42.0	0.0	0.14	0.03	0.01	0.09
D	175.0	0.00	42.0	0.0	0.14	0.03	0.01	0.09
D	175.0	0.00	42.0	0.0	0.14	0.03	0.01	0.11
D	160.0	0.00	42.0	0.0	0.14	0.03	0.01	0.11
D	160.0	0.00	42.0	0.0	0.15	0.04	0.01	0.11
D	155.0	0.00	42.0	0.0	0.15	0.04	0.01	0.11
D	155.0	0.00	42.0	0.0	0.14	0.04	0.01	0.11
D	140.0	0.00	42.0	0.0	0.14	0.04	0.01	0.11
D	140.0	0.00	43.0	0.0	0.15	0.05	0.02	0.11
D	120.0	0.00	39.9	0.0	0.15	0.05	0.03	0.10
D	120.0	0.00	33.9	0.0	0.15	0.07	0.04	0.10
D	100.0	0.00	38.5	0.0	0.16	0.07	0.03	0.10
D	100.0	0.00	28.7	0.0	0.16	0.09	0.04	0.10
D	80.0	0.00	26.3	0.0	0.17	0.09	0.05	0.10
D	80.0	0.00	22.9	0.0	0.18	0.11	0.06	0.09
D	53.3	0.00	20.0	0.0	0.18	0.12	0.07	0.09
D	53.3	0.00	20.8	0.0	0.18	0.12	0.07	0.09
D	40.0	0.00	21.6	0.0	0.18	0.12	0.07	0.09
D	40.0	0.00	17.2	0.0	0.15	0.15	0.09	0.08
D	20.0	0.00	16.7	0.0	0.15	0.15	0.09	0.08
D	20.0	0.00	15.7	0.0	0.15	0.16	0.10	0.07
D	0.0	0.00	16.5	0.0	0.15	0.16	0.09	0.07

ANTENNA LOADING

=====

ANTENNA TYPE	ELEV ft	AZI	ATTACHMENT		.....ANTENNA FORCES.....			
			RAD ft	AZI	AXIAL kip	SHEAR kip	GRAVITY kip	TORSION ft-kip
HP	80.0	0.0	7.8	0.0	2.11	0.00	0.40	0.00
HP	80.0	180.0	7.8	120.0	-1.70	0.00	0.40	0.00
HP	70.0	0.0	8.4	0.0	2.05	0.00	0.40	0.00
HP	66.0	180.0	8.7	240.0	-1.63	0.00	0.40	0.00
HP	30.0	0.0	10.7	0.0	1.72	0.00	0.40	0.00

SUPPRESS PRINTING

=====

LOADS INPUT	...FOR THIS LOADING..				.....MAXIMUMS.....			
	DISPL	MEMBER FORCES	FOUNDN LOADS		ALL	DISPL	MEMBER FORCES	FOUNDN LOADS
no	yes	yes	yes		no	no	no	no

LOADING CONDITION AU

30 mph wind with 0.75 ice. wind Azimuth: 0

PL - 0

MAST LOADING

=====

LOAD TYPE	ELEV ft	APPLY.. RADIUS ft	LOAD.. AZI	AT AZI	.....FORCES.....		.....MOMENTS.....	
					HORIZ kip	DOWN kip	VERTICAL ft-kip	TORSNAL ft-kip
C	179.0	0.00	0.0	0.0	0.08	0.89	0.00	0.00
C	174.0	0.00	0.0	0.0	0.06	1.02	0.00	0.00
C	160.0	0.00	0.0	0.0	0.05	0.12	0.00	0.00
C	151.0	0.00	0.0	0.0	0.06	0.80	0.00	0.00
C	140.0	0.00	0.0	0.0	0.16	3.19	0.00	0.00
C	130.0	0.00	0.0	0.0	0.16	3.17	0.00	0.00
C	120.0	0.00	0.0	0.0	0.16	3.16	0.00	0.00
C	85.0	0.00	0.0	0.0	0.02	1.37	0.00	0.00
C	85.0	0.00	0.0	0.0	0.02	1.37	0.00	0.00
C	75.0	0.00	0.0	0.0	0.02	1.37	0.00	0.00
C	71.0	0.00	0.0	0.0	0.02	1.36	0.00	0.00
C	35.0	0.00	0.0	0.0	0.02	1.34	0.00	0.00
D	195.0	0.00	180.0	0.0	0.01	0.22	0.00	0.00
D	190.0	0.00	180.0	0.0	0.01	0.22	0.00	0.00
D	190.0	0.00	180.0	0.0	0.01	0.18	0.00	0.00
D	180.0	0.00	180.0	0.0	0.01	0.18	0.00	0.00
D	180.0	0.00	42.0	0.0	0.01	0.25	0.06	0.01
D	175.0	0.00	42.0	0.0	0.01	0.25	0.06	0.01
D	175.0	0.00	42.0	0.0	0.01	0.22	0.09	0.01
D	160.0	0.00	42.0	0.0	0.01	0.22	0.09	0.01
D	160.0	0.00	42.0	0.0	0.01	0.27	0.09	0.01
D	155.0	0.00	42.0	0.0	0.01	0.27	0.09	0.01
D	155.0	0.00	42.0	0.0	0.01	0.23	0.09	0.01
D	140.0	0.00	42.0	0.0	0.01	0.23	0.10	0.01
D	140.0	0.00	43.2	0.0	0.01	0.30	0.13	0.01
D	135.0	0.00	43.2	0.0	0.01	0.30	0.13	0.01
D	135.0	0.00	45.7	0.0	0.01	0.27	0.12	0.01
D	130.0	0.00	45.7	0.0	0.01	0.27	0.12	0.01
D	130.0	0.00	38.1	0.0	0.01	0.29	0.18	0.01
D	125.0	0.00	38.1	0.0	0.01	0.29	0.18	0.01
D	125.0	0.00	40.1	0.0	0.01	0.29	0.17	0.01
D	120.0	0.00	40.1	0.0	0.01	0.29	0.17	0.01
D	120.0	0.00	33.8	0.0	0.01	0.34	0.24	0.01
D	115.0	0.00	33.8	0.0	0.01	0.34	0.24	0.01
D	115.0	0.00	35.4	0.0	0.01	0.34	0.23	0.01
D	110.0	0.00	35.4	0.0	0.01	0.34	0.23	0.01
D	110.0	0.00	36.9	0.0	0.01	0.35	0.22	0.01
D	105.0	0.00	36.9	0.0	0.01	0.35	0.22	0.01
D	105.0	0.00	38.4	0.0	0.01	0.36	0.20	0.01
D	100.0	0.00	38.4	0.0	0.01	0.36	0.20	0.01
D	100.0	0.00	27.8	0.0	0.01	0.38	0.28	0.01
D	93.3	0.00	27.8	0.0	0.01	0.38	0.28	0.01
D	93.3	0.00	29.3	0.0	0.01	0.38	0.27	0.01
D	86.7	0.00	29.3	0.0	0.01	0.38	0.27	0.01
D	86.7	0.00	25.5	0.0	0.01	0.39	0.30	0.01
D	80.0	0.00	25.5	0.0	0.01	0.39	0.30	0.01
D	80.0	0.00	22.9	0.0	0.02	0.46	0.37	0.01
D	73.3	0.00	22.9	0.0	0.02	0.46	0.37	0.01
D	73.3	0.00	21.7	0.0	0.02	0.47	0.39	0.01
D	66.7	0.00	21.7	0.0	0.02	0.47	0.39	0.01
D	66.7	0.00	20.5	0.0	0.02	0.48	0.42	0.01
D	40.0	0.00	21.2	0.0	0.02	0.50	0.41	0.01
D	40.0	0.00	17.2	0.0	0.01	0.48	0.48	0.01
D	20.0	0.00	16.7	0.0	0.01	0.49	0.51	0.01
D	20.0	0.00	15.7	0.0	0.01	0.53	0.61	0.00
D	10.0	0.00	15.7	0.0	0.01	0.53	0.61	0.00
D	10.0	0.00	16.5	0.0	0.01	0.55	0.76	0.01
D	0.0	0.00	16.5	0.0	0.01	0.55	0.76	0.01

ANTENNA LOADING

=====

ANTENNA TYPE	ELEV ft	AZI	ATTACHMENT		.....ANTENNA FORCES.....			
			RAD ft	AZI	AXIAL kip	SHEAR kip	GRAVITY kip	TORSION ft-kip
HP	80.0	0.0	7.8	0.0	0.14	0.00	2.59	0.00
HP	80.0	180.0	7.8	120.0	-0.11	0.00	2.59	0.00
HP	70.0	0.0	8.4	0.0	0.14	0.00	2.56	0.00
HP	66.0	180.0	8.7	240.0	-0.11	0.00	2.55	0.00
HP	30.0	0.0	10.7	0.0	0.11	0.00	2.39	0.00

SUPPRESS PRINTING

=====

LOADS INPUT	...FOR THIS LOADING..				.....MAXIMUMS.....			
	DISPL	MEMBER FORCES	FOUNDN LOADS		ALL	DISPL	MEMBER FORCES	FOUNDN LOADS

no yes yes yes no no no no

=====

MAXIMUM MAST DISPLACEMENTS:

=====

ELEV ft	-----DEFLECTIONS (ft)-----			--TILTS (DEG)---		TWIST DEG
	NORTH	EAST	DOWN	NORTH	EAST	
195.0	2.790 S	1.993 b	0.033 S	1.664 S	1.214 b	0.287 AR
190.0	2.645 S	1.887 b	0.031 S	1.664 S	1.214 b	0.287 AR
185.0	2.499 S	1.781 b	0.028 S	1.662 S	1.212 b	0.287 AR
180.0	2.354 S	1.676 b	0.026 S	1.657 S	1.208 b	0.287 AR
175.0	2.209 S	1.570 b	0.024 S	1.647 S	1.199 b	0.286 AR
170.0	2.066 S	1.466 b	0.022 S	1.627 S	1.181 b	0.282 AR
165.0	1.924 S	1.362 b	0.020 S	1.592 S	1.152 b	0.275 AR
160.0	1.786 S	1.263 b	0.018 BM	1.540 S	1.110 b	0.266 AR
155.0	1.651 S	1.166 b	0.018 BM	1.495 S	1.075 b	0.253 AR
150.0	1.523 S	1.074 b	0.018 BM	1.434 S	1.028 b	0.238 AR
145.0	1.397 S	0.983 b	0.017 BM	1.356 S	0.970 b	0.220 AR
140.0	1.281 S	0.901 b	0.017 BM	1.258 S	0.898 b	0.199 AR
135.0	1.172 S	0.823 b	0.016 BM	1.177 S	0.839 b	0.178 AR
130.0	1.073 S	0.753 b	0.016 BM	1.095 S	0.779 b	0.159 AR
125.0	0.978 S	0.685 b	0.015 BM	1.009 S	0.717 b	0.142 AR
120.0	0.893 S	0.625 b	0.014 BM	0.924 S	0.655 b	0.126 AR
115.0	0.811 S	0.567 b	0.014 BM	0.871 S	0.617 b	0.110 AR
110.0	0.736 S	0.513 b	0.013 BM	0.818 S	0.579 b	0.096 AR
105.0	0.664 S	0.463 b	0.013 BM	0.763 S	0.539 b	0.082 AR
100.0	0.598 S	0.416 b	0.012 BM	0.709 S	0.500 b	0.069 AR
93.3	0.517 S	-0.359 J	0.012 BM	0.646 S	0.454 b	0.060 AR
86.7	0.444 S	0.307 b	0.011 BM	0.583 S	0.409 b	0.051 AR
80.0	0.378 S	-0.261 J	0.010 BM	0.520 S	0.364 b	0.043 AR
73.3	0.317 S	-0.219 J	0.009 BM	0.474 S	-0.331 J	0.042 AR
66.7	0.263 S	-0.181 J	0.009 BM	0.428 S	-0.298 J	0.042 AR
60.0	0.212 S	-0.146 J	0.008 BM	0.380 S	-0.265 J	0.036 AR
53.3	0.168 S	-0.115 J	0.007 BJ	0.332 S	-0.231 J	0.030 AR
46.7	0.129 S	-0.089 J	0.006 BM	0.283 S	-0.196 J	0.024 AR
40.0	0.096 S	-0.066 J	0.005 BM	0.233 S	-0.161 J	0.018 AR
30.0	0.057 S	0.039 b	0.004 AU	0.174 S	-0.121 J	0.013 AR
20.0	0.029 S	-0.019 J	0.003 BM	0.115 S	-0.079 J	0.008 AR
10.0	0.008 S	0.005 b	0.001 BJ	0.057 S	-0.039 J	0.004 AR
0.0	0.000 A	0.000 A	0.000 A	0.000 A	0.000 A	0.000 A

MAXIMUM ANTENNA AND REFLECTOR ROTATIONS:

=====

ELEV ft	AZI deg	TYPE *	.....BEAM DEFLECTIONS (deg).....			
			PITCH	YAW	ROLL	TOTAL
80.0	0.0	HP	-0.364 b	0.042 AT	-0.520 S	0.364 b
80.0	180.0	HP	0.364 b	0.042 AT	0.520 S	0.364 b
70.0	0.0	HP	0.315 J	0.041 AT	-0.451 S	0.315 J
66.0	180.0	HP	-0.295 J	0.040 AT	0.423 S	0.295 J
30.0	0.0	HP	0.121 J	0.012 AT	-0.174 S	0.121 J

MAXIMUM TENSION IN MAST MEMBERS (kip)

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ELEV ft	LEGS	DIAG	HORIZ	BRACE
195.0	-----	-----	0.02 BU	0.00 A
190.0	0.05 l	0.10 k	0.00 S	0.00 A
185.0	0.43 k	0.26 v	0.01 AU	0.00 A
180.0	1.17 k	0.41 n	0.10 A	0.00 A
175.0	2.48 k	1.00 k	0.09 A	0.00 A
170.0	5.46 k	1.52 v	0.02 S	0.00 A
165.0	9.56 k	1.90 s	0.13 A	0.00 A
160.0	14.45 k	2.35 k	0.51 A	0.00 A
155.0	20.11 k	3.00 k	0.25 A	0.00 A
150.0	27.51 k	3.38 s	0.05 AC	0.00 A

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145.0	35.20 k	3.80 k	0.27 A	0.00 A
140.0	44.31 k	4.14 A	0.31 q	0.00 A
135.0	51.49 k	3.53 k	0.31 A	0.00 A
130.0	58.61 k	3.36 S	0.03 I	0.00 A
125.0	64.17 k	3.92 k	0.27 A	0.00 A
120.0	71.71 k	3.78 S	0.02 L	0.00 A
115.0	77.95 k	4.33 k	0.16 A	0.00 A
110.0	85.81 k	4.29 S	0.06 A	0.00 A
105.0	92.35 k	4.21 k	0.12 A	0.00 A
100.0	99.39 k	4.25 S	0.08 A	0.00 A
93.3	106.49 k	4.59 k	0.10 P	0.00 A
86.7	115.07 k	4.63 S	0.12 V	0.00 A
80.0	122.54 k	4.76 k	0.07 P	0.00 A
73.3	131.77 k	5.83 AC	0.11 A	0.00 A
66.7	141.80 k	7.25 R	0.03 J	0.00 A
60.0	152.87 k	7.49 m	0.10 A	0.00 A
53.3	164.99 k	7.89 U	0.08 A	0.00 A
46.7	176.20 k	7.44 m	0.09 A	0.00 A
40.0	187.34 k	7.87 U	0.08 A	0.00 A
30.0	200.10 k	8.18 m	0.12 A	0.00 A
20.0	216.00 k	9.47 AH	0.02 e	0.00 A
10.0	230.24 k	9.26 F	0.10 A	0.00 A
0.0	245.86 k	9.17 AH	0.00 A	0.00 A

MAXIMUM COMPRESSION IN MAST MEMBERS (kip)

ELEV ft	LEGS	DIAG	HORIZ	BRACE
195.0	-0.16 BN	-0.13 G	-0.01 s	0.00 A
190.0	-0.68 S	-0.27 q	0.00 k	0.00 A
185.0	-1.62 G	-0.45 S	-0.01 AC	0.00 A
180.0	-3.36 S	-1.13 S	-0.09 AC	0.00 A
175.0	-7.03 S	-1.56 S	-0.08 AC	0.00 A
170.0	-11.56 S	-2.03 S	-0.02 k	0.00 A
165.0	-16.93 S	-2.52 S	-0.12 AC	0.00 A
160.0	-23.09 S	-3.25 S	-0.49 AC	0.00 A
155.0	-31.35 S	-3.23 AC	-0.24 AC	0.00 A
150.0	-39.79 S	-4.04 S	-0.05 A	0.00 A
145.0	-49.67 S	-4.38 S	-0.27 AC	0.00 A
140.0	-58.08 S	-3.79 S	-0.31 M	0.00 A
135.0	-65.99 S	-3.18 k	-0.30 AC	0.00 A
130.0			-0.03 o	0.00 A

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125.0	-72.59 s	-4.14 s	-0.26 AC	0.00 A
120.0	-80.79 s	-3.62 k	-0.02 AK	0.00 A
115.0	-88.20 s	-4.55 s	-0.15 AC	0.00 A
110.0	-96.77 s	-4.11 k	-0.06 AC	0.00 A
105.0	-103.76 s	-4.42 s	-0.11 AC	0.00 A
100.0	-111.46 s	-4.07 k	-0.08 AC	0.00 A
93.3	-119.18 s	-4.84 s	-0.09 AR	0.00 A
86.7	-128.74 s	-4.53 AE	-0.10 AC	0.00 A
80.0	-137.81 s	-5.07 S	-0.07 AR	0.00 A
73.3	-149.11 s	-6.59 R	-0.10 AC	0.00 A
66.7	-161.81 s	-6.71 j	-0.04 AI	0.00 A
60.0	-174.02 s	-8.16 U	-0.10 AC	0.00 A
53.3	-187.87 s	-7.35 p	-0.07 AO	0.00 A
46.7	-199.71 s	-8.08 U	-0.08 AC	0.00 A
40.0	-212.49 s	-7.37 AC	-0.07 AC	0.00 A
30.0	-226.58 s	-8.89 U	-0.11 AC	0.00 A
20.0	-245.86 s	-9.47 F	-0.02 w	0.00 A
10.0	-261.79 s	-9.41 U	-0.09 AC	0.00 A
0.0	-279.29 s	-9.19 F	0.00 A	0.00 A

MAXIMUM INDIVIDUAL FOUNDATION LOADS: (kip)

NORTH	LOAD---EAST	COMPONENTS---DOWN	UPLIFT	TOTAL SHEAR
28.23 s	19.92 e	286.54 s	-252.18 k	28.23 s

MAXIMUM TOTAL LOADS ON FOUNDATION : (kip & kip-ft)

HORIZONTAL			DOWN	OVERTURNING			TORSION
NORTH	EAST	TOTAL @ 0.0		NORTH	EAST	TOTAL @ 360.0	
48.5 S	32.8 b	48.5 S	104.3 AX	4522.3 S	-3109.2 J	4522.3 S	22.1 AR

Latticed Tower Analysis (Unguyed)
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Sabre Towers and Poles

on: 22 jul 2015 at: 8:01:19

***** Service Load Condition *****

* only 1 condition(s) shown in full

* some wind loads may have been derived from full-scale wind tunnel testing

LOADING CONDITION A

60 mph wind with no ice. Wind Azimuth: 0°

PL - 0

MAST LOADING

LOAD TYPE	ELEV ft	APPLY... RADIUS ft	LOAD... AZI	LOAD AZI	.....FORCES.....		.....MOMENTS.....	
					HORIZ kip	DOWN kip	VERTICAL ft-kip	TORSNAL ft-kip
C	179.0	0.00	0.0	0.0	0.18	0.32	0.00	0.00
C	174.0	0.00	0.0	0.0	0.11	0.31	0.00	0.00
C	160.0	0.00	0.0	0.0	0.04	0.04	0.00	0.00
C	151.0	0.00	0.0	0.0	0.10	0.30	0.00	0.00
C	140.0	0.00	0.0	0.0	0.37	1.14	0.00	0.00
C	130.0	0.00	0.0	0.0	0.36	1.14	0.00	0.00
C	120.0	0.00	0.0	0.0	0.35	1.14	0.00	0.00
C	85.0	0.00	0.0	0.0	0.07	0.80	0.00	0.00
C	85.0	0.00	0.0	0.0	0.07	0.80	0.00	0.00
C	75.0	0.00	0.0	0.0	0.06	0.80	0.00	0.00
C	71.0	0.00	0.0	0.0	0.06	0.80	0.00	0.00
C	35.0	0.00	0.0	0.0	0.05	0.80	0.00	0.00
D	195.0	0.00	180.0	0.0	0.02	0.03	0.00	0.00
D	180.0	0.00	180.0	0.0	0.01	0.03	0.00	0.00
D	180.0	0.00	42.0	0.0	0.03	0.04	0.01	0.02
D	160.0	0.00	42.0	0.0	0.03	0.03	0.01	0.03
D	160.0	0.00	42.0	0.0	0.04	0.04	0.01	0.03
D	140.0	0.00	42.0	0.0	0.03	0.04	0.01	0.03
D	140.0	0.00	43.0	0.0	0.04	0.05	0.02	0.03
D	120.0	0.00	39.9	0.0	0.04	0.05	0.03	0.02
D	120.0	0.00	33.9	0.0	0.04	0.07	0.04	0.02
D	100.0	0.00	38.5	0.0	0.04	0.08	0.03	0.02
D	100.0	0.00	28.7	0.0	0.04	0.09	0.05	0.02
D	80.0	0.00	26.3	0.0	0.04	0.10	0.05	0.02
D	80.0	0.00	22.9	0.0	0.04	0.13	0.06	0.02
D	60.0	0.00	20.9	0.0	0.04	0.13	0.08	0.02
D	60.0	0.00	20.0	0.0	0.04	0.13	0.08	0.02
D	40.0	0.00	21.7	0.0	0.05	0.14	0.07	0.02
D	40.0	0.00	17.2	0.0	0.04	0.16	0.10	0.02
D	20.0	0.00	16.7	0.0	0.04	0.17	0.10	0.02
D	20.0	0.00	15.7	0.0	0.04	0.18	0.11	0.02
D	0.0	0.00	16.5	0.0	0.04	0.18	0.10	0.02

ANTENNA LOADING

.....ANTENNA..... TYPE	ELEV ft	AZI	ATTACHMENT		.....ANTENNA FORCES.....			
			RAD ft	AZI	AXIAL kip	SHEAR kip	GRAVITY kip	TORSION ft-kip
HP	80.0	0.0	7.8	0.0	0.51	0.00	0.45	0.00
HP	80.0	180.0	7.8	120.0	-0.41	0.00	0.45	0.00
HP	70.0	0.0	8.4	0.0	0.50	0.00	0.45	0.00
HP	66.0	180.0	8.7	240.0	-0.39	0.00	0.45	0.00
HP	30.0	0.0	10.7	0.0	0.41	0.00	0.45	0.00

SUPPRESS PRINTING

LOADS INPUT	...FOR THIS LOADING..				.....MAXIMUMS.....			
	DISPL	MEMBER FORCES	FOUNDN LOADS		ALL	DISPL	MEMBER FORCES	FOUNDN LOADS
no	yes	yes	yes		no	no	no	no

MAXIMUM MAST DISPLACEMENTS:

ELEV ft	-----DEFLECTIONS (ft)-----			--TILTS (DEG)---		TWIST DEG
	NORTH	EAST	DOWN	NORTH	EAST	
195.0	0.680 s	0.487 b	0.006 s	0.405 s	0.296 b	0.069 j
190.0	0.645 s	0.461 b	0.006 s	0.405 s	0.296 b	0.069 j
185.0	0.610 s	0.435 b	0.006 s	0.404 s	0.296 b	0.069 j

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180.0	0.574 S	0.410 b	0.006 S	0.403 S	0.295 b	0.069
175.0	0.539 S	0.384 b	0.006 S	0.401 S	0.293 b	0.069
170.0	0.504 S	0.358 b	0.006 S	0.396 S	0.288 b	0.068
165.0	0.469 S	0.333 b	0.006 S	0.387 S	0.281 b	0.066
160.0	0.436 S	0.309 b	0.005 S	0.375 S	0.271 b	0.064
155.0	0.403 S	0.285 b	0.005 S	0.364 S	0.262 b	0.061
150.0	0.372 S	0.263 b	0.005 S	0.349 S	0.251 b	0.057
145.0	0.341 S	0.241 b	0.005 S	0.330 S	0.237 b	0.053
140.0	0.313 S	0.221 b	0.005 S	0.307 S	0.219 b	0.048
135.0	0.286 S	0.202 b	0.004 S	0.287 S	0.205 b	0.043
130.0	0.262 S	0.184 b	0.004 S	0.267 S	0.190 b	0.038
125.0	0.239 S	0.168 b	0.004 S	0.246 S	0.175 b	0.034
120.0	0.218 S	0.153 b	0.004 S	0.225 S	0.160 b	0.030
115.0	0.198 S	0.139 b	0.004 S	0.212 S	0.151 b	0.027
110.0	0.180 S	0.126 b	0.004 S	0.200 S	0.142 b	0.023
105.0	0.163 S	0.113 b	0.003 S	0.186 S	0.132 b	0.020
100.0	0.146 S	0.102 b	0.003 S	0.173 S	0.122 b	0.017
93.3	0.127 S	-0.088 J	0.003 S	0.158 S	0.111 b	0.014
86.7	0.109 S	-0.075 J	0.003 S	0.142 S	0.100 b	0.012
80.0	0.093 S	-0.064 J	0.003 S	0.127 S	0.089 b	0.010
73.3	0.078 S	-0.054 J	0.003 S	0.116 S	-0.081 J	0.010
66.7	0.065 S	-0.045 J	0.002 S	0.105 S	-0.073 J	0.010
60.0	0.052 S	-0.036 J	0.002 S	0.093 S	-0.065 J	0.009
53.3	0.041 S	-0.028 J	0.002 S	0.081 S	-0.057 J	0.007
46.7	0.032 S	-0.022 J	0.002 S	0.069 S	-0.048 J	0.006
40.0	0.024 S	-0.016 J	0.001 S	0.057 S	-0.040 J	0.004
30.0	0.014 S	0.010 b	0.001 C	0.043 S	-0.030 J	0.003
20.0	0.007 S	-0.005 J	0.001 U	0.028 S	-0.019 J	0.002
10.0	0.002 S	0.001 b	0.000 U	0.014 S	-0.010 J	0.001
0.0	0.000 A	0.000 A	0.000 A	0.000 A	0.000 A	0.000

MAXIMUM ANTENNA AND REFLECTOR ROTATIONS:

ELEV ft	AZI deg	TYPE *	.....BEAM DEFLECTIONS (deg).....			
			PITCH	YAW	ROLL	TOTAL
80.0	0.0	HP	-0.089 b	0.010 j	-0.127 s	0.089 b
80.0	180.0	HP	0.089 b	0.010 j	0.127 s	0.089 b
70.0	0.0	HP	0.077 J	0.010 j	-0.110 S	0.077 J
66.0	180.0	HP	-0.072 J	0.010 j	0.104 S	0.072 J
30.0	0.0	HP	0.030 J	0.003 j	-0.043 S	0.030 J

MAXIMUM TENSION IN MAST MEMBERS (kip)

ELEV ft	LEGS	DIAG	HORIZ	BRACE
195.0	-----	-----	0.00 C	0.00 A
	0.00 A	0.02 Y		
190.0	-----	-----	0.00 S	0.00 A
	0.04 A	0.06 V		
185.0	-----	-----	0.00 A	0.00 A
	0.19 Y	0.10 D		
180.0	-----	-----	0.04 A	0.00 A
	0.42 A	0.23 A		
175.0	-----	-----	0.03 A	0.00 A
	1.00 A	0.37 D		
170.0	-----	-----	0.00 S	0.00 A
	1.95 A	0.46 S		
165.0	-----	-----	0.04 A	0.00 A
	3.10 A	0.57 A		
160.0	-----	-----	0.14 A	0.00 A
	4.44 A	0.71 A		
155.0	-----	-----	0.07 A	0.00 A
	6.12 A	0.83 S		
150.0	-----	-----	0.01 S	0.00 A
	7.90 A	0.91 A		
145.0	-----	-----	0.07 A	0.00 A
	10.05 A	1.00 A		
140.0	-----	-----	0.07 e	0.00 A
	11.49 A	0.81 A		
135.0	-----	-----	0.09 A	0.00 A
	13.07 A	0.83 S		
130.0	-----	-----	0.01 g	0.00 A
	14.12 A	0.92 A		
125.0	-----	-----	0.08 A	0.00 A
	15.82 A	0.93 S		
120.0	-----	-----	0.00 L	0.00 A
	17.01 A	1.03 A		
115.0	-----	-----	0.04 A	0.00 A
	18.78 A	1.06 S		

ELEV	MEMBER	TYPE	VALUE	UNIT	MEMBER	TYPE	VALUE	UNIT
110.0	20.31	A	1.00	A	0.02	A	0.00	A
105.0	21.90	A	1.04	S	0.03	A	0.00	A
100.0	23.53	A	1.10	A	0.02	A	0.00	A
93.3	25.43	A	1.14	S	0.03	P	0.00	A
86.7	26.82	A	1.13	A	0.03	V	0.00	A
80.0	28.39	A	1.37	S	0.02	P	0.00	A
73.3	30.16	A	1.79	R	0.03	A	0.00	A
66.7	32.46	A	1.80	C	0.01	J	0.00	A
60.0	35.16	A	1.95	X	0.03	A	0.00	A
53.3	37.73	A	1.79	C	0.02	A	0.00	A
46.7	40.19	A	1.94	U	0.03	A	0.00	A
40.0	42.96	A	1.98	C	0.02	b	0.00	A
30.0	46.01	A	2.30	X	0.04	A	0.00	A
20.0	49.10	A	2.30	F	0.01	e	0.00	A
10.0	52.55	A	2.24	X	0.03	A	0.00	A
0.0					0.00	A	0.00	A

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MAXIMUM COMPRESSION IN MAST MEMBERS (kip)

ELEV	MEMBER	TYPE	VALUE	UNIT	MEMBER	TYPE	VALUE	UNIT
195.0	-0.04	F	-0.03	G	0.00	A	0.00	A
190.0	-0.22	S	-0.06	G	0.00	A	0.00	A
185.0	-0.47	G	-0.11	S	0.00	S	0.00	A
180.0	-0.98	S	-0.29	S	-0.01	S	0.00	A
175.0	-2.01	S	-0.38	S	-0.01	S	0.00	A
170.0	-3.16	S	-0.50	S	0.00	A	0.00	A
165.0	-4.50	S	-0.62	S	-0.02	S	0.00	A
160.0	-6.03	S	-0.81	S	-0.10	S	0.00	A
155.0	-8.14	S	-0.77	S	-0.05	S	0.00	A
150.0	-10.26	S	-0.99	S	-0.01	A	0.00	A
145.0	-12.72	S	-1.06	S	-0.06	S	0.00	A
140.0	-15.04	S	-0.96	S	-0.08	M	0.00	A
135.0	-17.10	S	-0.75	A	-0.06	S	0.00	A
130.0	-18.98	S	-1.04	S	-0.01	O	0.00	A
125.0	-21.08	S	-0.86	A	-0.05	S	0.00	A
120.0	-23.18	S	-1.13	S	0.00	O	0.00	A
115.0	-25.40	S	-0.99	A	-0.03	S	0.00	A
110.0	-27.16	S	-1.09	S	-0.01	S	0.00	A
105.0	-29.15	S	-0.98	A	-0.02	S	0.00	A
100.0	-31.12	S	-1.20	S	-0.01	S	0.00	A
93.3	-33.63	S	-1.10	U	-0.02	h	0.00	A

126087.txt

86.7			-0.02 S	0.00 A
	-36.25 S	-1.26 S		
80.0			-0.01 h	0.00 A
	-39.63 S	-1.66 R		
73.3			-0.02 S	0.00 A
	-43.37 S	-1.63 j		
66.7			-0.01 G	0.00 A
	-46.73 S	-2.03 U		
60.0			-0.02 S	0.00 A
	-50.37 S	-1.79 F		
53.3			-0.01 S	0.00 A
	-53.44 S	-2.01 U		
46.7			-0.01 S	0.00 A
	-56.82 S	-1.79 F		
40.0			-0.01 S	0.00 A
	-60.63 S	-2.22 U		
30.0			-0.02 S	0.00 A
	-66.16 S	-2.36 F		
20.0			0.00 Y	0.00 A
	-70.49 S	-2.30 U		
10.0			-0.02 S	0.00 A
	-75.18 S	-2.31 F		
0.0			0.00 A	0.00 A

MAXIMUM INDIVIDUAL FOUNDATION LOADS: (kip)

LOAD---COMPONENTS				TOTAL
NORTH	EAST	DOWN	UPLIFT	SHEAR
7.35 s	5.23 e	77.20 s	-53.88 A	7.35 s

MAXIMUM TOTAL LOADS ON FOUNDATION : (kip & kip-ft)

HORIZONTAL			DOWN	OVERTURNING			TORSION
NORTH	EAST	TOTAL @ 0.0		NORTH	EAST	TOTAL @ 360.0	
11.9 S	8.1 b	11.9 S	29.3 F	1109.8 S	-765.1 J	1109.8 S	5.3 h

DRILLED STRAIGHT PIER DESIGN BY SABRE TOWERS & POLES

Tower Description 195' S3TL Series HD1
 Customer Name MOTOROLA ISPO
 Job Number 126087
 Date 9/2/2015
 Engineer BD

Factored Uplift (kips)	252	Anchor Bolt Count (per leg)	6
Factored Download (kips)	287		
Factored Shear (kips)	28		
Ultimate Bearing Pressure	16		
Bearing Φ s	0.75		
Bearing Design Strength (ksf)	12		
Water Table Below Grade (ft)	30		
Bolt Circle Diameter (in)	13.25		
Top of Concrete to Top of Bottom Threads (in)	58	Minimum Pier Diameter (ft)	2.60
Pier Diameter (ft)	3		
Ht. Above Ground (ft)	0.5		
Pier Length Below Ground (ft)	24		
Quantity of Bars	14		
Bar Diameter (in)	0.875		
Tie Bar Diameter (in)	0.5		
Spacing of Ties (in)	12		
Area of Bars (in ²)	8.42	Minimum Area of Steel (in ²)	5.09
Spacing of Bars (in)	6.31		
f'c (ksi)	4.5		
fy (ksi)	60		
Unit Wt. of Concrete (kcf)	0.15		
Download Friction Φ s	0.75		
Uplift Friction Φ s	0.75		
Volume of Concrete (yd ³)	6.41		
Skin Friction Factor for Uplift	1	Length to Ignore Download (ft)	0
Ignore Bottom Length in Download?	<input type="checkbox"/>		

Depth at Bottom of Layer (ft)	Ult. Skin Friction (ksf)	(Ult. Skin Friction)*(Uplift Factor)	γ (kcf)
3	0.00	0.00	0.12
5.5	1.40	1.40	0.12
12	1.40	1.40	0.12
40	1.70	1.70	0.12
0	0.00	0.00	0
0	0.00	0.00	0
0	0.00	0.00	0
0	0.00	0.00	0
0	0.00	0.00	0
0	0.00	0.00	0

Download:

Factored Net Weight of Concrete (kips)	0.6		
Bearing Design Strength (kips)	84.8		
Skin Friction Design Strength (kips)	233.3		
Download Design Strength (kips)	318.1	Factored Net Download (kips)	287.6

DRILLED STRAIGHT PIER DESIGN BY SABRE TOWERS & POLES (CONTINUED)

Uplift:

Nominal Skin Friction (kips)	311.0
Wc, Weight of Concrete (kips)	26.0
W _R , Soil Resistance (kips)	1032.3
ΦsW _R +0.9Wc (kips)	797.6

Uplift Design Strength (kips)	256.6	Factored Uplift (kips)	252.0
-------------------------------	-------	------------------------	-------

Pier Design:

Design Tensile Strength (kips)	454.6	T _u (kips)	252.0
ΦV _n (kips)	107.8	V _u (kips)	28.0
ΦV _c =Φ2(1+N _u /(500A _g))f' _c ^{1/2} b _w d (kips)	59.7		
V _s (kips)	56.5	*** V _s max = 4 f' _c ^{1/2} b _w d (kips)	278.2
Maximum Spacing (in)	13.01	(Only if Shear Ties are Required)	

*** Ref. ACI 11.5.5 & 11.5.6.3

Anchor Bolt Pull-Out:

ΦP _c =Φλ(2/3)f' _c ^{1/2} (2.8A _{SLOPE} + 4A _{FLAT})	153.4	P _u (kips)	252.0
Rebar Development Length (in)	47.56	Required Length of Development (in)	21.69

Condition	1 is OK, 0 Fails
Download	1
Uplift	1
Area of Steel	1
Shear	1
Anchor Bolt Pull-Out	1
Interaction Diagram Visual Check	1

**ROCKY MOUNT TOWN COUNCIL
REGULAR MEETING MINUTES
JANUARY 11, 2016**

The January 11, 2016 regular meeting of the Rocky Mount Town Council (hereafter referred to as "Council") was held in the Council Chambers of the Rocky Mount Municipal Building located at 345 Donald Avenue, Rocky Mount, Virginia, at 7:00 p.m. with Mayor Steven C. Angle presiding.

The following members of Council were present:

- Mayor Steven C. Angle
- Vice Mayor Gregory B. Walker
- Bobby M. Cundiff
- P. Ann Love
- Robert L. Moyer
- Jon W. Snead
- Billie W. Stockton

The following staff members were also present:

- John Boitnott, Town Attorney
- Tim Burton, Wastewater Treatment Plant Superintendent
- Bob Deitrich, Water Treatment Plant Superintendent
- Rebecca Dillon, Interim Executive Assistant
- C. James Ervin, Town Manager
- Josh Gibson, Town Planner
- Matthew Hankins, Assistant Town Manager
- Mark Lovern, Lieutenant, Rocky Mount Police Department
- Cecil Mason, Public Works Director
- Linda Woody, Finance Director

The meeting was called to order by Mayor Steven C. Angle.

PLEDGE OF ALLEGIANCE

Mayor Angle led in saying the Pledge of Allegiance.

APPROVAL OF AGENDA

Motion: To approve the agenda.

Motion By: Council Member Stockton

Second: Council Member Love

Motion Discussion: None

Ayes: Cundiff, Love, Moyer, Snead, Stockton, Walker

Nays: None

Action: Agenda approved by a unanimous vote

SPECIAL ITEMS

Introduction of new Community Development Administrative Assistant Jessica Heckman.

PUBLIC HEARINGS

Mayor Angle recessed the meeting to go into public hearing.

Franklin County Public Safety has requested to replace an existing tower on Grassy Hill with a new, taller one capable of supporting the radio and microwave equipment necessary for the new county emergency radio communications system. The Planning Commission held its public hearing January 5, and unanimously recommends the application receive your approval with two conditions. These two conditions were shared with Council by Town Attorney, Mr. John Boitnott. The commission's recommendation was that the special exception permit be granted on the condition that the site will continue to be developed in substantial conformity with the concept plan prepared and submitted with the application indicating that the height of the new tower will not exceed 195 feet and that the applicant will have 90 days after constructing the new tower to remove the existing tower. Mr. Pat Regan, Emergency Management Communications Coordinator with Franklin County Public Safety spoke of the original construction of the tower in 2005 and how the tower has failed structural analysis considering the new equipment that has to go on the tower and the equipment that is now already on the tower.

At this time the Mayor opened the floor that if anyone wished to speak to Council to come forward.

Mr. Mark Crump of 170 Virginia Key Drive, Union Hall, Virginia spoke regarding concerns he has about the tower and its ability to be a co-location.

Motion: to continue the public hearing and table the special use permit application until the next meeting on February 8, 2016.

Motion By: Council Member Snead

Second: Council Member Stockton

Motion Discussion: None

Ayes: Cundiff, Love, Moyer, Snead, Stockton, Walker

Nays: None

Action: to continue the public hearing and table the special use permit application until the next regularly scheduled Town Council Meeting.

APPROVAL OF MINUTES

Received by Council in their packet for this scheduled meeting were draft minutes for review and consideration of approval:

- December 14, 2015 Regular Meeting Minutes

Motion: To approve the draft minutes as presented

Motion By: Council Member Snead

Second: Vice Mayor Walker

Motion Discussion: None

Ayes: Cundiff, Love, Moyer, Stockton, Snead, Walker

Nays: None

Action: The draft minutes presented were approved by a unanimous vote

APPROVAL OF CONSENT AGENDA

This month's consent agenda consists of the following items:

(1) **Miscellaneous Action:**

Each year we submit to you a list of meeting dates and deadlines for the Planning Commission, Board of Zoning Appeals and Town Council. Attached is the list for 2016.

(2) **Miscellaneous Resolutions/Proclamations:** None at this time

(3) **Department Monthly Reports**

- Community Development Department
- Finance Department
- Fire Department
- Police Department
- Public Works Department
- Wastewater Department
- Water Department

Discussion: None

Motion: To approve the consent agenda as presented

Motion By: Vice Mayor Walker

Second: Council Member Moyer

Motion Discussion: None

Ayes: Cundiff, Love, Moyer, Snead, Stockton, Walker

Nays: None

Action: Consent agenda approved by a unanimous vote

HEARING OF CITIZENS

Mayor Angle opened the floor to any other citizens wishing to speak. Let the record show no one came forward.

OLD BUSINESS:

Let the record show that there was no old business.

NEW BUSINESS

Extension of Cable Television Franchise Agreement with Shentel. The original cable television franchise held by Shenandoah Cable Television, LLC will expire on March 31, 2016. Shentel has expressed an interest in renewing the franchise under identical terms and conditions for an additional ten year term. Town staff will initiate the renewal process outlined in State and Federal code (47 U.S.C. § 546 and Virginia § 12.2-2100) but it is not likely that these steps can be concluded by the end of the current franchise term. It is proposed that the existing franchise be extended for one year to allow for the renewal process to be initiated and completed. The resolution extends the current franchise, in entirety, for one year to a new expiration date of March 31, 2017.

Discussion: Council considered the steps required for a renewal and indicated that they wanted ample opportunity for public input.

Motion: To extend the franchise agreement for one year

Motion By: Council Member Cundiff

Second: Council Member Stockton

Motion Discussion: None

Ayes: Cundiff, Love, Moyer, Snead, Stockton, Walker

Nays: None

Action: Request approved as presented by a unanimous vote

The Town's current FOG policies are codified in Section §58-77(b)(17) of our code which simply states that Fats, Oils or greases of animal or vegetable origin in concentrations greater than 100 milligrams per liter are prohibited. This simple policy is not in keeping with EPA expectations and guidelines and also fails to enumerate the steps the Town should take to verify compliance or to register those who discharge such items. The proposed policy addresses those concerns and sets a new limit of 200 milligrams per liter and is drafted in keeping with industry guidelines, with consultation with other public utilities and with substantial review by Town officials as it relates to business support while balancing the functioning of our public utility.

Discussion: Council clarified through discussion with Mr. Tim Burton, Waste Water Treatment Plant Superintendent, the applicability of these rules to existing utility customers. Mr. Burton clarified that per the proposed rules, an existing utility customer would not be required to obtain a discharge permit unless they violated the limits established in the proposed policy. Council Member Moyer raised concerns regarding the potential costs associated with bringing a discharging facility into compliance.

Motion: was made to approve the new discharge policy.

Motion By: Council Member Love

Second: Vice Mayor Walker

Motion Discussion: None

Ayes: Cundiff, Love, Moyer, Snead, Stockton, Walker

Nays: None

Action: Request approved by a unanimous vote.

Council, after consultation with Mr. Boitnott, Town Attorney, discussed tabling the special use permit application until the February Council Meeting and continuing the public hearing to that date. Mr. Crump was advised to take his concerns to the Franklin County Board of Supervisors so that their reply could be factored into Council's action on the special use permit.

COMMITTEE REPORTS

The Public Utilities Committee met on January 4, 2016 to consider three items:

Maple Avenue Water Pressure:

Thompson and Litton's (one of our engineering partners) plan to boost water pressure on Maple Avenue was considered alongside an alternate suggestion to offer residents a tankless booster system. It was the consensus of the committee that the in-home tankless system was considerably cheaper, both to purchase and to operate, than a new dedicated pump station feeding just a 2" residential segment. The committee advised staff to offer the new tankless technology to those on Maple Avenue with inadequate water pressure in accordance with our existing policies on Town subsidized pumping systems (the Town has several in place). It was the consensus of Council to extend the Town's current policy to those on Maple Avenue by offering to supply a pump to home owners willing to pay to have it installed.

Refuse Collection Rules:

The committee received an update from the Town Manager and the Public Works Director. The committee recommended that the town proceed to the issuance of fines following a notice in the Franklin News Post advising of the start of fines after two collection cycles of new warnings.

Motion: The implementation of a fine beginning on or about February 15, 2016 for violation of trash ordinance.

Motion By: Council Member Cundiff

Second: Council Member Snead

Motion Discussion: None

Ayes: Cundiff, Love, Moyer, Snead, Stockton, Walker

Nays: None

Action: The implementation of a fine will begin February 15, 2016.

Motion: To approve the recommendation by staff to boost water pressure on Maple Avenue.

Motion By: Vice Mayor Walker

Second: Council Member Moyer

Motion Discussion: None

Ayes: Cundiff, Love, Moyer, Snead, Stockton, Walker

Nays: None

Action: To offer the new tankless technology to those on Maple Avenue with inadequate water pressure.

OTHER MATTERS & CONCERNS

Assistant Town Manager Hankins appeared on *Rise and Shine Franklin County* this morning, with Mr. Dick Shoemaker as host.

CLOSED MEETING AND ACTION

Enter Closed Meeting:

Motion: To go into closed session under the Virginia Code Section cited below

Time: 8:10 p.m.

Virginia Code Sections:

Section 2.2-3711(A).3 Discussion or consideration of the acquisition of real property for a public purpose, or of the disposition of publicly held real property, where discussion in an open meeting would adversely affect the bargaining position or negotiating strategy of the public body, specifically right-of-way for street construction.

Section 2.2-3711(A).5 Discussion concerning a prospective business or industry, or the expansion of an existing business or industry where no previous announcement has been made of the business' or industry's interest in locating or expanding its facilities in the community, specifically a prospective tenant for the Cox property.

Motion By: Council Member Moyer

Second: Vice Mayor Walker

Motion Discussion: None

Ayes: Cundiff, Love, Moyer, Snead, Stockton, Walker

Nays: None

Action: Adjourned by a unanimous vote.

ADJOURNMENT

Motion: To adjourn meeting

Time: 8:40 p.m.

Motion By: Vice Mayor Walker

Second: Council Member Snead

Motion Discussion: None

Ayes: Cundiff, Love, Moyer, Snead, Stockton, Walker

Nays: None

Action: Adjourned by a unanimous vote

Steven C. Angle, Mayor

ATTEST:

Rebecca H. Dillon, Acting Town Clerk

DRAFT

ITEM(S) TO BE CONSIDERED UNDER:

- Hearing of Citizens Consent Item Old Business New Business
 Committee Report Other

FOR COUNCIL MEETING DATED:

STAFF MAKING REQUEST:	C. James Ervin, Town Manager
BRIEF SUMMARY OF REQUEST:	Attached is your Finance Directors proposed calendar for the development and adoption of the FY 2016/2017 budget. This outline meets the advertising deadlines established by state code and Town charter.
ACTION NEEDED:	Approve or Modify and Approve the proposed budget calendar.

Attachment(s):

FOLLOW-UP ACTION:
(To be completed by Town Clerk)

TOWN OF ROCKY MOUNT					
FY 17 BUDGET & CAPITAL IMPROVEMENT PLAN SCHEDULE					
DAY	DATE	RESPONSIBLE PARTY	ACTIVITY	TIME	PLACE
Mon	2/8/2016	Town Council	Approval of Budget / CIP Calendar	7:00	Municipal Bldg.
Mon	2/8/2016	Department Heads	CIP Requests to Finance Director		
Wed	2/10/2016	Fin Dir	CIP & Budget worksheets to Department Heads		
Fri	2/12/2016	Finance Director	Public Notice of Tax Rate effect if greater than 1%		
Tues	2/16/2016	Finance Director	Revenue Projections		
Tues	2/16/2016	Department Heads	Operating Budget Requests to Finance Director		
Mon	3/14/2016	Town Council	Public Hearing on Tax Rate effect if greater than 1% (Regular Council meeting)	7:00	Municipal Bldg.
Thurs	3/24/2016	Manager/Financ Dir	Distribution of FY 17 - 21 CIP to Planning Commission (with copy to Town Council)		
Thurs	3/24/2016	Clerk / Finance Dir	Public Notice of Planning Commission CIP public hearing		
Mon	3/28/2016	Manager/Financ Dir	Proposed 5 year CIP finalized		
Mon	3/28/2016	Manager/Financ Dir	Proposed budget finalized		
Fri	4/1/2016	Manager/Financ Dir	Distribution of Proposed FY 16 Budget & FY 16 - 20 CIP to Council		
Tues	4/5/2016	Planning Cmsn.	Public Hearing & Recommendation of Proposed CIP (regular meeting for Planning Commission)	6:00	Municipal Bldg.
Mon	4/11/2016	Manager/Financ Dir	Presentation of FY 17 Budget and FY 17 - 21 CIP to Council (Regular Council meeting)	7:00	Municipal Bldg.
Tues	4/12/2016	Town Council	Budget Work Session #1	5:00	Municipal Bldg.
Thurs	4/14/2016	Town Council	Budget Work Session #2	5:00	Municipal Bldg.
Fri	4/15/2016	Finance Director	Public Notice of proposed Budget and public hearings		
Mon	4/18/2016	Planning Commission & Town Council	Joint Work session on proposed 5 year CIP (optional) (if desired) (special meeting)	6:00	Municipal Bldg.
Mon	4/18/2016	Town Council	Budget Work Session #3 (if needed)	6:00	Municipal Bldg.
Mon	4/25/2016	Town Council	Public Hearing on Proposed FY 17 Budget and FY 17 - 21 CIP (Special Council meeting)	7:00	Municipal Bldg.
Mon	5/9/2016	Town Council	Adoption of FY 17 Budget, FY 17 - 21 CIP, & Appropriation Resolution (Regular Council meeting)	7:00	Municipal Bldg.
Mon	6/1/2015	Finance Director	Distribution of Approved Budget and CIP		

ITEM(S) TO BE CONSIDERED UNDER:

- Hearing of Citizens Consent Item Old Business New Business
 Committee Report Other

FOR COUNCIL MEETING DATED:	February 8, 2016
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STAFF MAKING REQUEST:	Linda Woody, Finance Director Ken Criner, Police Chief
BRIEF SUMMARY OF REQUEST:	The Piedmont Community Services Board has reimbursed the Town of Rocky Mount Police Department for overtime expenses in the amount of \$4,000 for their participation in the Critical Incident Training (CIT) program.
ACTION NEEDED:	Approval of the supplemental appropriation for \$4,000 for the reimbursement of overtime for CIT training.

Attachment(s):

FOLLOW-UP ACTION: (To be completed by Town Clerk)
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RESOLUTION NO.: 2016.003

**TOWN OF ROCKY MOUNT
SUPPLEMENTAL APPROPRIATION RESOLUTION
FOR THE FISCAL YEAR ENDING JUNE 30, 2016**

WHEREAS, the Town Council of Rocky Mount approved a budget for the fiscal year beginning July 1, 2015 through June 30, 2016, hereafter known as FY 2016;

WHEREAS, the Piedmont Community Services Board has reimbursed the Town of Rocky Mount Police Department for overtime in the amount of \$4,000 for their participation in the Critical Incident Training (CIT), and

WHEREAS, the Town Council of Rocky Mount wishes to thank the Piedmont Community Services Board for their reimbursement, and

NOW, THEREFORE, BE IT RESOLVED, that the Town Council of Rocky Mount does hereby appropriate the following supplemental expenditure and supplemental revenue for FY 2016:

Account 01.3101.0000.0000.1003 (overtime)	\$4,000
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Account 01.2400.0415 (Police grant)	\$4,000
--	----------------

This resolution shall become effective immediately upon its adoption.

TOWN OF ROCKY MOUNT, VIRGINIA
GIVEN UNDER MY HAND, THIS 8TH DAY OF FEBRUARY 2016:

Steven C. Angle, Mayor

ATTESTED:

Rebecca H. Dillon, Acting Town Clerk

TOWN OF ROCKY MOUNT
345 DONALD AVE.
ROCKY MOUNT, VIRGINIA 24151

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TOWN COUNCIL
STEVEN C. ANGLE, *MAYOR*
GREGORY B. WALKER, *VICE MAYOR*

BOBBY M. CUNDIFF BOBBY L. MOYER
P. ANN LOVE JON W. SNEAD
BILLIE W. STOCKTON

MATTHEW C. HANKINS
Assistant Town Manager
Director, Community Development

MEMORANDUM

To: Mayor Angle & Members of Town Council

From: Matthew C. Hankins
Community Development Director

Date: February 4, 2016

Re: January Monthly Report

Council:

Here are some highlights from the month in Community Development:

- New Community Development Assistant Jessica Heckman started with us on January 4.
- Staff has renewed cleaning services on a limited one-year term with the incumbent contractor.
- Staff has set and advertised 2016 meeting dates for Town Council, Planning Commission and Board of Zoning Appeals.
- Staff provided town visitor demographics and numbers for the regional effort to bring a passenger rail depot to Bedford.
- Announced major shows at the Harvester.
- Postponed shows at the Harvester due to snow.
- Announced a Harvester partnership with Merlefest, a major regional festival to increase our exposure to their guests and their artists to our audiences.
- Worked with town staff and engineers on three projects:
 - Cox Property prospect development.
 - Municipal Building HVAC unit replacement.
 - Traffic control systems.
- Completed the Comprehensive Plan by working with the consultant to produce the last product expected of the plan.
- Attended VML Legislative Day in Richmond with the Town Manager. Worked to advocate our positions with our legislators.
- Worked to advertise a public hearing for February, now scheduled for March.
- Worked on completing FY2016 capital projects.
- Coordinated traffic signal work on North Main and 40 East pedestrian signals.
- New municipal building locks are completely installed. Staff working to program locks and access cards.

MONTHLY STAFF REPORT

DATE:	February 3, 2016
TO:	Rocky Mount Town Council
FROM:	Linda Woody, Finance Director
DEPARTMENT:	Finance Department
MONTH:	February meeting

This report contains the following monthly information for January 2016 activity:

New businesses obtaining a business license during the month

Investment portfolio from the latest bank statement

Revenue comparisons from this fiscal year to last fiscal year

Meals tax collections chart

Local sales tax collections chart

Expenditure comparisons from this fiscal year to last fiscal year

Available contingency funds status

Utility billing profiles on customers and consumption

Water Customer Cut-off's chart

Water accountability reconciliation of finished water gallons pumped vs. metered water gallons consumed

Utility profiles on water production and wastewater flow

Customer flow for the Finance Department:

512 walk-in transactions

1401 drive-thru transactions

1220 mail transactions

**TOWN OF ROCKY MOUNT
NEW BUSINESS LICENSES
DURING JANUARY 2016**

The following new businesses obtained their business licenses during the month:

RETAIL:

BBC Outdoors (dba Franklin Outdoors), 320 Old Franklin Tnpk, sporting goods & guns

PROFESSIONAL:

Clifford Hapgood, 5 East Court St. #201, attorney

Patrick Nix, 5 East Court St. #201, attorney

TOWN OF ROCKY MOUNT
Investment Portfolio
at December 31, 2015

<u>Security</u>	<u>Call Date</u>	<u>Maturity Date</u>	<u>Bond</u>	<u>Market Price</u>	<u>Market Value</u>	<u>Market Yield</u>	<u>Yield to Maturity</u>	<u>Cusip Number</u>	<u>Estimated Annual Interest</u>	
Fixed Income / Bonds:										
FHLMC	3/30/2016	12/30/2020	A	210,000	100.040	210,084.00	1.99%	2.00%	3134G8BH1	4,200.00
FNMA	12/26/2013	12/26/2017		500,000	100.090	500,450.00	0.99%	0.99%	3135G0SJ3	5,000.00
Bond Totals				<u>710,000</u>		<u>710,534.00</u>	1.49% avg. return			<u>9,200.00</u>
Certificates of Deposits:										
Ally BK Midvale UT		12/31/2014		230,000	99.490	228,827.00	1.50%	1.50%	02006LNA7	3,450.00
Am Express Centurion		5/28/2020		245,000	98.625	241,631.25	2.07%	2.05%	02587DYH5	5,022.50
BMW Salt Lake City UT		10/11/2018		245,000	100.504	246,234.80	2.03%	2.05%	05568P5S2	5,022.50
Bank Hampton Rds. VA		9/27/2017		245,000	99.753	244,394.85	1.00%	1.00%	062492BH5	2,450.00
Bank of Perry Co. Tenn		2/20/2018		248,000	100.028	248,069.44	1.24%	1.25%	06425KBN8	3,100.00
Barclays BK Del Retail		8/20/2019		225,000	99.685	224,291.25	2.10%	2.10%	06740LHV2	4,725.00
CIT BK Salt Lake UT		10/13/2016		190,000	99.917	189,842.30	1.00%	1.00%	17284CBJ2	1,900.00
Com Bk Harrogate TN		8/25/2016		245,000	100.021	245,051.45	0.99%	1.00%	20143PCV0	2,450.00
Discover Bk Greenwood DL		9/4/2018		245,000	99.522	243,828.90	2.31%	2.30%	254671VH0	5,635.00
Essa BK Stroudsburg PA		11/30/2016		245,000	100.114	245,279.30	0.99%	1.00%	29667RGE7	2,450.00
Everbank Jacksonville FL		3/29/2019		245,000	99.491	243,752.95	1.49%	1.50%	29976DW3	3,675.00
First Merchants BK N A		9/30/2019		245,000	99.555	243,909.75	2.00%	2.00%	32082BDS5	4,900.00
State BK India NY NY		12/5/2014		245,000	100.079	245,193.55	2.19%	2.20%	8562843E2	5,390.00
Synchrony Bk Retail CTF		6/13/2019		230,000	99.851	229,657.30	1.99%	2.00%	87164YAP9	4,600.00
Whitney BK Gulfport MS CTF		8/18/2016		245,000	99.921	244,806.45	0.59%	0.60%	966594AF0	1,470.00
CD Totals				<u>3,573,000</u>		<u>3,564,770.54</u>	1.57% avg. return			<u>56,240.00</u>
Total Investments				<u>4,283,000</u>		<u>4,275,304.54</u>	1.56% avg. return			<u>65,440.00</u>

NOTE A: This bond replaces one with a 1.44% yield.

<u>Month</u>	<u>LGIP Balance</u>	<u>Effective Yield</u>
Dec-14	333,032.97	0.10%
Jan-15	49,377.36	0.11%
Feb-15	65,977.38	0.12%
Mar-15	431,251.31	0.12%
Apr-15	448,365.07	0.13%
May-15	965,221.12	0.13%
Jun-15	1,336,421.94	0.13%
Jul-15	1,353,469.46	0.15%
Aug-15	1,427,079.03	0.17%
Sep-15	1,820,172.63	0.17%
Oct-15	1,843,408.19	0.18%
Nov-15	1,459,985.45	0.19%
Dec-15	1,362,202.20	0.03%

TOWN OF ROCKY MOUNT
REVENUE COMPARISONS
AS OF JANUARY 31, 2016

REVENUE SOURCE	MONTH		YEAR TO DATE		BUDGET	% OF
	THIS YEAR	LAST YEAR	THIS YEAR	LAST YEAR	THIS YEAR	BUDGET THIS YEAR
GENERAL FUND - Local Revenues:						
Real Estate Tax	85,560	128,471	190,148	159,180	567,382	33.51%
Public Service Tax	2	-	2	-	28,605	0.01%
Personal Property Tax	25,843	119,913	81,585	133,908	222,044	36.74%
Machinery & Tools Tax	3,716	-	3,716	-	105,563	3.52%
Penalties on Tax	123	94	4,661	2,359	3,500	133.17%
Interest on Tax	11	23	1,187	1,833	1,700	69.80%
Local Sales Tax	13,307	12,560	71,564	69,072	173,368	41.28%
Meals Tax	119,400	118,820	681,062	651,708	1,386,000	49.14%
Utility Tax	28,059	28,748	167,622	161,684	330,000	50.79%
Communications Tax	15,654	16,113	94,577	98,317	223,200	42.37%
Decals	-	-	-	-	-	0.00%
Bank Stock Tax	-	-	-	-	213,000	0.00%
Penalty-Meals Tax	120	91	1,931	2,700	2,000	96.55%
Interest-Meals Tax	11	-	142	730	800	17.75%
Lodging Tax	7,382	5,803	57,224	53,890	113,388	50.47%
Cigarette Tax	4,365	8,846	49,864	63,442	101,400	49.18%
BPOL-Retail	1,560	-	6,662	7,038	350,000	1.90%
BPOL-Professional	310	674	15,900	9,881	142,000	11.20%
BPOL-Contractor	-	-	1,618	1,447	13,750	11.77%
BPOL-Repairs/Services	10	-	6,349	3,545	131,000	4.85%
BPOL-Alcoholic Beverages	-	-	-	75	650	0.00%
BPOL-Penalty/Interest	2	-	3,211	2,369	2,000	160.53%
BPOL-Amusement	-	-	-	-	200	0.00%
BPOL-Utility	-	-	-	-	12,000	0.00%
BPOL-Miscellaneous	-	-	150	133	2,500	6.00%
Solicitor Permits	-	-	-	-	-	0.00%
Farmer's Market Fees	60	610	1,159	1,669	3,000	38.63%
Welcome Center Fees	240	210	2,750	2,625	3,500	78.57%
Planning/Zoning Fees	716	2,360	5,397	6,340	8,000	67.46%
Court Fines	3,121	-	25,347	18,101	48,000	52.81%
Parking Fines	-	15	75	100	100	75.00%
Garbage Violation Fines	-	-	-	-	-	0.00%
Interest Earnings	-	494	14,210	29,440	42,576	33.38%
Return Check Fees	20	40	305	420	450	67.78%
Rental of Property	-	-	420	420	420	100.00%
Bond Proceeds	-	-	-	-	1,500,000	0.00%
Mortgage Payments	256	256	1,817	1,792	3,073	59.14%
Loan Repayment - Paving	728	728	5,821	2,911	-	0.00%
Sale of Materials	-	-	-	960	-	0.00%
Sale of Property	-	-	-	-	-	0.00%
Grave Preparation	-	750	1,125	1,500	1,500	75.00%
Security Services	-	-	2,229	1,673	3,660	60.90%
Passport Service Fees	1,242	1,415	5,183	4,252	10,000	51.83%
Police Reports	80	87	475	652	1,000	47.50%
Fingerprint Service Fees	35	30	240	285	400	60.00%
Garbage Collection Fees	7,803	7,812	45,254	45,015	89,400	50.62%
Truck Rental Program	-	10	170	60	100	170.00%
Credit Card Fees	104	113	1,261	123	1,800	70.06%
Weed Control Fees	-	-	-	153	-	0.00%
Miscellaneous Services	81	-	104	-	100	104.36%
Transfer from Utility Fund	-	-	-	-	-	0.00%
Donations	-	-	47	43	-	0.00%
Merchandise Sales	-	-	209	186	-	0.00%
Miscellaneous	-	-	212	1,933	-	0.00%

**TOWN OF ROCKY MOUNT
REVENUE COMPARISONS
AS OF JANUARY 31, 2016**

REVENUE SOURCE	MONTH		YEAR TO DATE		BUDGET	% OF
	THIS YEAR	LAST YEAR	THIS YEAR	LAST YEAR	THIS YEAR	BUDGET THIS YEAR
Community Grant-Police Dept.	-	-	2,000	-	-	0.00%
Recoveries	1,302	-	1,949	-	-	0.00%
Unrealized Gain on Investments	-	18,658	4,574	(4,841)	-	0.00%
Appropriated Fund Balance	-	-	-	-	846,822	0.00%
Total Local Revenues	321,223	473,744	1,561,510	1,539,120	6,689,951	23.34%
GENERAL FUND - State Revenues:						
Rolling Stock Tax	-	-	3,748	3,645	3,600	104.12%
Litter Tax	-	-	2,640	2,611	2,500	105.60%
Other Categorical Aid	-	3	40	63	-	0.00%
Fire Programs	-	-	13,689	12,972	12,972	105.53%
PPTRA from the State	-	-	53,861	53,861	53,861	100.00%
DMV Grants	-	-	3,181	-	-	0.00%
DMV Mini Grants	-	-	4,410	9,839	-	0.00%
Street Maintenance	-	-	671,679	641,942	1,309,366	51.30%
Volunteer Fire Dept.	-	-	15,000	15,000	30,000	50.00%
Law Enforcement-599 Funds	-	-	54,230	54,230	108,460	50.00%
Police Grants	-	-	17,728	-	-	0.00%
FEMA Grants	4,000	-	4,000	-	473,400	0.84%
Va. Commission of the Arts Grant	-	-	1,360	-	-	0.00%
Other Categorical Aid-County	-	-	100,000	-	-	0.00%
Other Categorical Aid-Schools	-	-	29,632	29,632	29,632	100.00%
Total State Revenues	4,000	3	975,198	823,794	2,023,791	48.19%
TOTAL GENERAL FUND REVENUES	325,223	473,747	2,536,708	2,362,915	8,713,742	29.11%
UTILITY FUND REVENUES:						
Water Sales	89,365	82,507	550,465	498,636	1,070,400	51.43%
gallons billed	20,197,054	18,540,970	122,831,483	118,817,634		
Water Connections	3,275	-	14,550	15,905	22,440	64.84%
Reconnect Fees	300	875	2,295	4,625	4,500	51.00%
Penalties	2,885	1,959	16,243	14,349	17,000	95.54%
Bulk Water Purchases	578	-	1,881	3,217	5,000	37.62%
Sewer Collection Charges	60,043	56,764	353,800	317,133	680,040	52.03%
gallons billed	15,867,156	13,929,219	92,478,448	88,139,764		
Sewer Connections	-	-	8,000	3,500	9,500	84.21%
Cell Tower Rent	2,113	2,110	21,991	25,573	47,052	46.74%
Recoveries	-	-	360	1,115	-	0.00%
Bond Proceeds	-	-	-	-	-	0.00%
Meals Tax Transfer (in fund 05 for fy 15)	-	-	-	-	-	0.00%
Transfer from General Fund	-	-	-	-	86,888	0.00%
Appropriated Fund Balance	-	-	-	-	769,000	0.00%
TOTAL UTILITY FUND REVENUES	158,559	144,215	969,585	884,053	2,711,820	35.75%
CAPITAL PROJECTS REVENUES:						
Uptown Loan Repayments	-	898	-	8,933	-	0.00%
Microenterprise Loan Payments	102	117	558	117	-	0.00%
Program Income (Needmore project)	-	3,432	-	3,432	-	0.00%
Historic Tax Credits	-	-	-	-	-	0.00%
Bonds / Loans	-	-	-	-	-	0.00%
EDA Loan Repayment	-	-	544,829	-	-	0.00%
Transfers from General Fund	-	-	-	-	-	0.00%
Appropriated Fund Balance	-	-	-	-	-	0.00%
TOTAL CAPITAL PROJECTS REVENUES	102	4,447	545,387	12,482	-	0.00%

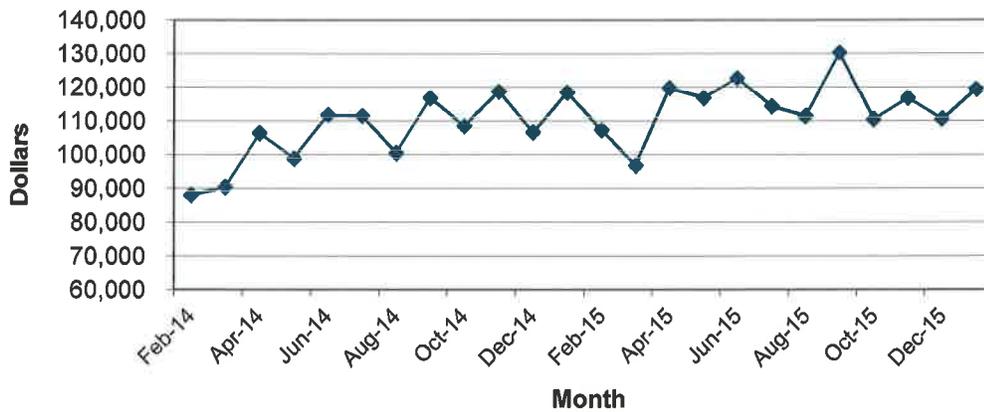
**TOWN OF ROCKY MOUNT
REVENUE COMPARISONS
AS OF JANUARY 31, 2016**

REVENUE SOURCE	MONTH		YEAR TO DATE		BUDGET	% OF
	THIS YEAR	LAST YEAR	THIS YEAR	LAST YEAR	THIS YEAR	BUDGET THIS YEAR
UTILITY CAPITAL REVENUES:						
Proceeds from Bond	-	-	-	-	65,000	0.00%
Capital Recovery Fees-Water	17,895	12,738	123,185	86,042	201,696	61.07%
Capital Recovery Fees-Sewer	15,496	12,135	102,388	78,549	195,350	52.41%
Capital Recovery Fees-Garbage	1,655	1,662	11,626	11,632	19,945	58.29%
Appropriated Fund Balance	-	-	-	-	47,803	0.00%
Meals Tax Transfer (in fund 02 for fy 14)	-	-	-	257,139	-	0.00%
Transfer from Other Funds	-	-	-	-	-	0.00%
TOTAL UTILITY CAPITAL REVENUES	35,047	26,535	237,198	433,362	529,794	44.77%
PERFORMANCE VENUE REVENUES:						
Transfers from General Fund	-	-	-	-	289,310	0.00%
TOTAL PERFORMANCE VENUE REVENUES	-	-	-	-	289,310	0.00%
7 months of the 12 months of the fiscal year						58.33%

**TOWN OF ROCKY MOUNT
MEALS TAX COLLECTIONS**

Month	Collections
Feb-14	88,119
Mar-14	90,391
Apr-14	106,223
May-14	98,887
Jun-14	111,723
Jul-14	111,448
Aug-14	100,522
Sep-14	116,710
Oct-14	108,467
Nov-14	118,725
Dec-14	106,535
Jan-15	118,367
Feb-15	107,244
Mar-15	96,859
Apr-15	119,709
May-15	116,730
Jun-15	122,695
Jul-15	114,250
Aug-15	111,303
Sep-15	130,219
Oct-15	110,364
Nov-15	116,664
Dec-15	110,434
Jan-16	119,400

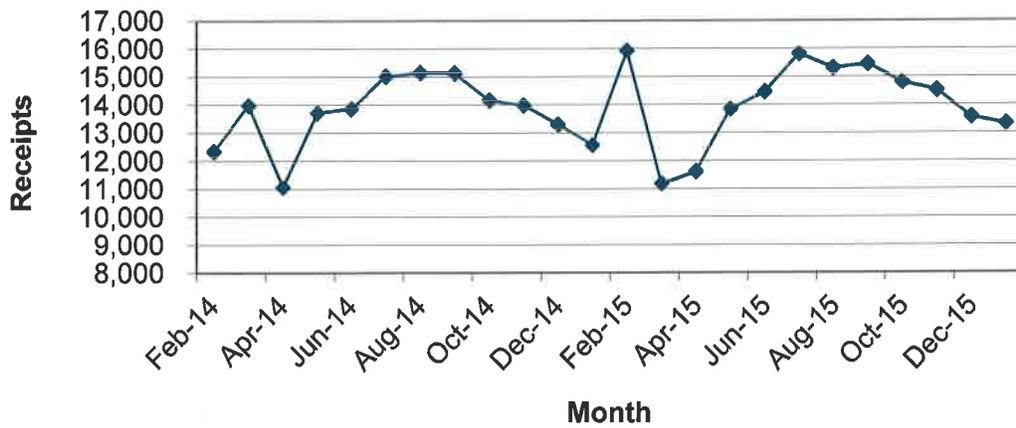
Meals Tax Collections



Town of Rocky Mount
Local Sales Tax

Feb-14	12,323
Mar-14	13,976
Apr-14	11,061
May-14	13,709
Jun-14	13,862
Jul-14	15,006
Aug-14	15,131
Sep-14	15,111
Oct-14	14,145
Nov-14	13,969
Dec-14	13,288
Jan-15	12,560
Feb-15	15,912
Mar-15	11,180
Apr-15	11,616
May-15	13,835
Jun-15	14,434
Jul-15	15,795
Aug-15	15,283
Sep-15	15,428
Oct-15	14,783
Nov-15	14,500
Dec-15	13,547
Jan-16	13,307

Local Sales Tax



**TOWN OF ROCKY MOUNT
EXPENDITURE COMPARISONS
AS OF JANUARY 31, 2016**

ACTIVITY	MONTH		YEAR TO DATE		BUDGET	% OF
	THIS YEAR	LAST YEAR	THIS YEAR	LAST YEAR	THIS YEAR	BUDGET THIS YEAR
GENERAL FUND:						
Mayor & Council	5,858	9,466	46,467	63,422	87,008	53.41%
Town Manager	20,648	18,183	132,599	119,841	223,142	59.42%
Town Attorney	7,905	-	17,125	16,844	36,240	47.25%
Finance Department	22,016	23,661	180,997	183,980	331,039	54.68%
Electorial Board	-	-	-	-	2,800	0.00%
Police Department	130,153	128,148	1,012,119	1,023,398	1,968,333	51.42%
Volunteer Fire Dept.	13,847	13,258	63,447	72,628	745,978	8.51%
Public Works Admin.	1,480	1,233	7,208	33,258	17,133	42.07%
Street Lights	11,933	14,468	61,337	63,885	111,178	55.17%
Traffic Control & Parking	3,499	1,383	43,789	49,170	72,686	60.24%
Streets	31,842	41,904	901,350	599,777	990,287	91.02%
Sidewalks & Curbs	-	-	3,205	4,827	13,181	24.32%
40 East Sidewalks/Crosswalks	6,062	2,162	24,591	58,160	-	0.00%
Scuffling Hill Drainage	23,730	-	51,273	-	462,500	11.09%
Bernard Rd Drainage	-	-	-	-	120,000	0.00%
Street Cleaning	328	2,079	11,305	13,339	20,953	53.95%
Refuse Collection	17,118	14,748	140,671	99,955	202,748	69.38%
Snow Removal	-	214	2,419	972	29,408	8.23%
Municipal Building	23,597	6,426	58,487	47,738	137,850	42.43%
Emergency Services Bldg.	5,405	6,484	47,392	64,076	65,650	72.19%
Public Works Building	1,226	3,698	6,154	9,049	22,800	26.99%
Cemetery	1,010	761	9,081	10,849	21,023	43.19%
Playgrounds	2,222	262	31,477	15,729	35,670	88.24%
Gilley's Park	-	-	-	-	25,000	0.00%
Veterans Memorial Park Erosion	-	-	-	473	900,000	0.00%
Planning & Zoning	10,386	8,258	74,372	55,399	134,567	55.27%
Community Development	13,141	15,094	95,996	102,760	224,705	42.72%
Citizen's Square	1,100	1,395	7,668	11,627	14,035	54.63%
Hospitality Center	795	1,282	21,892	13,307	32,362	67.65%
Passport Services Expenses	-	-	924	252	2,070	44.63%
Economic Development Authority	-	-	123	40	2,000	6.16%
Remediation of Blighted Structures	-	-	-	18,125	20,000	0.00%

**TOWN OF ROCKY MOUNT
EXPENDITURE COMPARISONS
AS OF JANUARY 31, 2016**

ACTIVITY	MONTH		YEAR TO DATE		BUDGET	% OF
	THIS YEAR	LAST YEAR	THIS YEAR	LAST YEAR	THIS YEAR	BUDGET THIS YEAR
Non-Departmental:						
Wages & Fringes	1,756	3,430	19,314	27,885	61,852	31.23%
Employee Wellness Program	-	-	1,519	4,450	2,381	63.82%
Employee Drug Testing	194	219	412	641	1,577	26.13%
Insurance	-	-	70,531	67,853	81,567	86.47%
Contributions to Others	-	-	16,500	22,500	16,500	100.00%
Debt Service-Principal	165,000	27,000	165,000	27,000	220,000	75.00%
Debt Service-Interest	20,087	1,728	42,499	42,418	44,574	95.34%
New Debt Service-Principal & Interest	-	-	-	-	158,447	0.00%
Transfer to Utility Operating Fund	-	-	-	-	86,888	0.00%
Transfer to Utility Capital Fund	-	-	-	257,139	-	0.00%
Transfer to Capital Proj. Fund	-	-	-	-	-	0.00%
Transfer to Performance Operations	-	-	-	-	289,310	0.00%
Contingency - General Purposes	-	-	-	-	50,000	0.00%
Contingency - Harvester Operations	-	-	-	-	60,000	0.00%
Contingency - Contributions & Special Events	-	-	-	-	10,550	0.00%
Contingency - Pay Adjustments	-	-	-	-	26,913	0.00%
Contingency - to reimburse fund balance	-	-	-	-	530,837	0.00%
TOTAL GENERAL FUND EXPENDITURES	542,337	346,944	3,369,242	3,202,764	8,713,742	38.67%
WATER & SEWER FUND:						
Water System Operation	8,524	15,833	64,746	89,550	150,486	43.02%
Meter Reading	2,091	4,642	19,884	22,034	42,490	46.80%
Water Plant	51,512	45,127	302,376	287,875	605,080	49.97%
Belmont Dr. Water Line Replacement	-	-	-	30,268	-	0.00%
Wastewater System Operation	7,944	8,879	43,221	35,156	145,936	29.62%
Wastewater Treatment Plant	34,177	41,496	220,115	210,197	475,819	46.26%
Utility Billing & Administration	8,645	13,502	67,638	76,603	162,303	41.67%
Non-Departmental:						
Wages & Fringes	-	-	-	3,701	-	0.00%
Insurance	-	-	23,510	22,618	25,131	93.55%
Debt Service-Principal	178,000	188,000	280,000	288,000	225,000	124.44%
Debt Service-Interest	47,393	23,544	55,061	30,227	91,078	60.45%
Transfer to Capital Projects Fund	-	-	-	-	-	0.00%
Transfer to General Fund	-	-	-	-	-	0.00%
Contingency - Utility Operating Purposes	-	-	-	-	12,500	0.00%
Contingency - Pay Adjustments	-	-	-	-	6,997	0.00%
Contingency - to reimburse fund balance	-	-	-	-	-	0.00%
Depreciation	-	-	-	-	769,000	0.00%
TOTAL WATER & SEWER FUND EXPENSES	338,286	341,023	1,076,550	1,096,228	2,711,820	39.70%
CAPITAL IMPROVEMENTS FUND:						
Microenterprise Loan Program	-	-	15,000	20,000	-	0.00%
Performance Venue Renovations	-	-	-	133,946	-	0.00%
Transfer to General Fund	-	-	-	-	-	0.00%
TOTAL CAPITAL PROJECTS EXPENDITURES	-	-	15,000	153,946	-	0.00%

TOWN OF ROCKY MOUNT
CONTINGENCY FUNDS
FISCAL YEAR 2016

	<u>GENERAL FUND</u>	<u>UTILITY FUND</u>	<u>UTILITY CAPITAL FUND</u>
BUDGETED CONTINGENCY - GENERAL PURPOSES	50,000	12,500	60,000
COMMITTED:			
220S water tank mixer (+ \$75,000 from fund balance)			(60,000)
AVAILABLE CONTINGENCY - GENERAL PURPOSES	<u>50,000</u>	<u>12,500</u>	<u>-</u>
<hr/>			
BUDGETED FOR SPECIAL EVENTS & CONTRIBUTIONS	10,550		
COMMITTED:			
AVAILABLE FOR SPECIAL EVENTS/CONTRIBUTIONS	<u>10,550</u>		
<hr/>			
BUDGETED FOR HARVESTER PERFORMANCE CENTER	60,000		
COMMITTED:			
AVAILABLE FOR HARVESTER PERFORMANCE CENTER	<u>60,000</u>		

TOWN OF ROCKY MOUNT
UTILITY BILLING
WATER CONSUMPTION PERCENTAGES
FOR THE MONTH OF JANUARY 2016

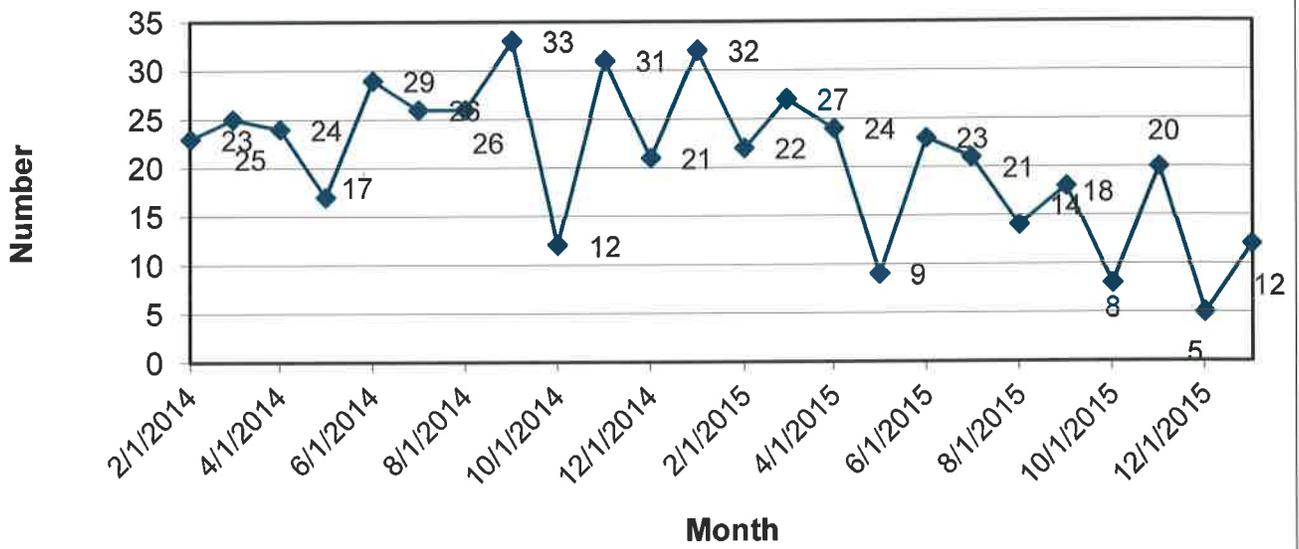
	TOTAL METERS	TOTAL GALLONS	TOTAL REVENUES	% METERS	% GALLONS	% REVENUES
IN-TOWN CUSTOMERS						
RESIDENTIAL	1,759	7,752,596	\$ 41,975	61%	38%	36%
COMMERCIAL	342	5,572,740	\$ 24,226	12%	28%	21%
INDUSTRIAL	49	3,155,340	\$ 10,817	2%	16%	9%
TOTAL	<u>2,150</u>	<u>16,480,676</u>	<u>\$ 77,017</u>	<u>74%</u>	<u>82%</u>	<u>66%</u>
OUT-OF-TOWN CUSTOMERS						
RESIDENTIAL	663	2,437,958	\$ 27,772	23%	12%	24%
COMMERCIAL	75	1,273,420	\$ 11,094	3%	6%	10%
INDUSTRIAL	2	5,000	\$ 69	0%	0%	0%
TOTAL	<u>740</u>	<u>3,716,378</u>	<u>\$ 38,935</u>	<u>26%</u>	<u>18%</u>	<u>34%</u>
				100%	100%	100%
GRAND TOTAL (ALL CUSTOMERS)						
RESIDENTIAL	2,422	10,190,554	\$ 69,747	84%	50%	60%
COMMERCIAL	417	6,846,160	\$ 35,319	14%	34%	30%
INDUSTRIAL	51	3,160,340	\$ 10,885	2%	16%	9%
TOTAL	<u>2,890</u>	<u>20,197,054</u>	<u>\$ 115,952</u>	<u>100%</u>	<u>100%</u>	<u>100%</u>

TOWN OF ROCKY MOUNT
 UTILITY BILLING
 PERCENT CONSUMPTION & PERCENT REVENUE
 PER CUSTOMER CLASS
 FISCAL YEAR 2016

Month	In Town								Out of Town							
	Residential		Commercial		Industrial		Total		Residential		Commercial		Industrial		Total	
	% Gal.	% Rev.	% Gal.	% Rev.	% Gal.	% Rev.	% Gal.	% Rev.	% Gal.	% Rev.	% Gal.	% Rev.	% Gal.	% Rev.	% Gal.	% Rev.
Jul-15	34%	33%	31%	23%	16%	10%	81%	66%	12%	24%	7%	10%	0%	0%	19%	34%
Aug-15	35%	33%	30%	22%	15%	9%	80%	65%	13%	25%	7%	10%	0%	0%	20%	35%
Sep-15	34%	34%	34%	25%	14%	9%	82%	67%	12%	24%	6%	9%	0%	0%	18%	33%
Oct-15	32%	32%	34%	25%	17%	10%	82%	67%	11%	23%	6%	10%	0%	0%	18%	33%
Nov-15	33%	34%	33%	24%	16%	9%	82%	67%	11%	24%	6%	10%	0%	0%	18%	33%
Dec-15	34%	34%	31%	22%	17%	10%	82%	66%	12%	24%	7%	10%	0%	0%	18%	34%
Jan-16	38%	36%	28%	21%	16%	9%	82%	66%	12%	24%	6%	10%	0%	0%	18%	34%
Feb-16																
Mar-16																
Apr-16																
May-16																
Jun-16																
Average	34%	34%	32%	23%	16%	9%	82%	66%	12%	24%	6%	10%	0%	0%	18%	34%

***NOTE: The above chart shows the breakdown of in-town customer gallons and revenues vs. out-of-town. It also breaks those gallons & revenues into residential, comercial, and industrial customers for FY 2016 (year ended 6/30/16).

Number of Water Cut-off's



TOWN OF ROCKY MOUNT
WATER ACCOUNTABILITY
December-15

Water Plant Finished Water Pumped		<u>21,020,000</u>
Water Consumption Billed	20,197,054	
Meters Read and Not Billed	857,280	
Water Obtained from Water Plant (to bill)	-	
Water Obtained from Public Works Hydrant (to bill)	-	
Flushing Water Lines Reported to WTP or PW	280,000	
Flow Meter Checks at Hydrants	-	
Grand Total of Water Metered / Consumed / Tracked		<u>21,334,334</u>
Percent Finished Water Accounted		101.50%

Meters Read and Not Billed

001-0122-10-01	Mary Bethune Park		-
001-0188-00-01	Impound Lot		-
002-0317-20-01	Public Works Bldg	70	
002-0317-30-01	Public Works Bldg-new bldg	1,000	
004-1067-00-01	Veteran's Memorial Park		-
005-1300-00-01	Mary Elizabeth Park		-
005-1343-10-01	Harvester Performance Centre	3,000	
005-1384-00-01	Farmer's Market	2,300	
005-1457-00-01	Municipal Bldg.	2,000	
006-1710-00-01	Welcome Center / Depot	910	
009-2523-50-01	Emergency Services Bldg.	8,000	
011-0050-90-01	Rt 122 Pump Station		-
041-0034-00-01	WasteWater Treatment Plant	213,000	
	Water Plant Process	627,000	

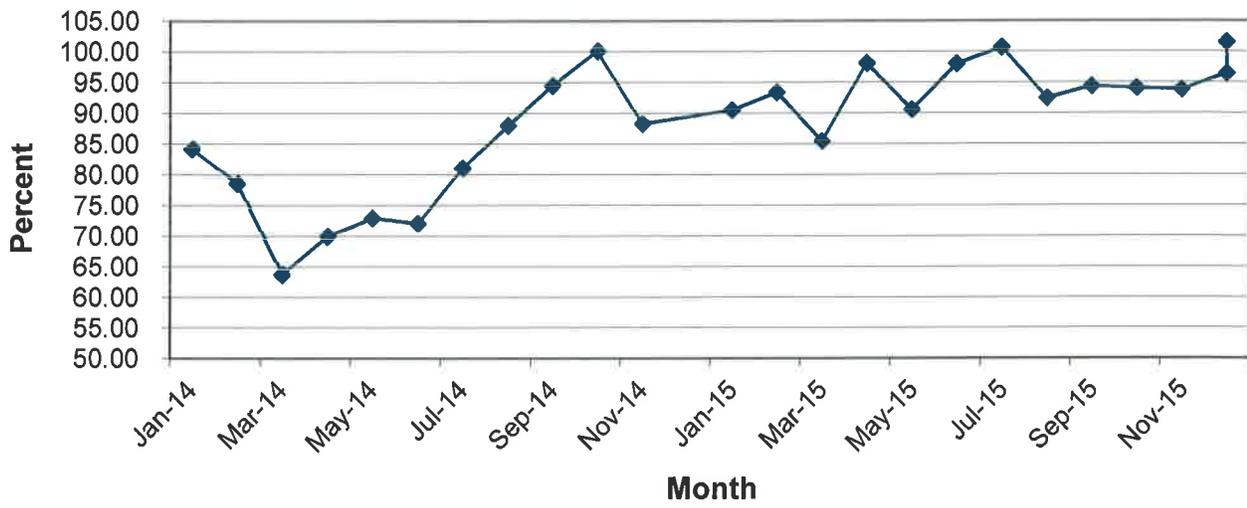
TOTAL Meters Not Billed		<u>857,280</u>
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Water Line Repairs by Public Works during the month:
none

Sewer Line Repairs by Public Works during the month:
none

TOWN OF ROCKY MOUNT WATER ACCOUNTABILITY FISCAL YEAR 2016						
Month	Finished Water Treated	Total Water Gallons Accounted	Percent Accounted	Monthly Gallons Variance	Average Accounted Variance per Quarter	Average Monthly Variance per Quarter
Jul-15	22,100,000	22,249,622	100.68%	(149,622)		
Aug-15	25,140,000	23,225,535	92.38%	1,914,465		
Sep-15	24,600,000	23,207,716	94.34%	1,392,284	95.80%	1,052,376
Oct-15	22,360,000	21,025,298	94.03%	1,334,702		
Nov-15	22,540,000	21,145,508	93.81%	1,394,492		
Dec-15	21,020,000	21,334,334	101.50%	(314,334)	96.45%	804,953.33
Jan-16				-		
Feb-16				-		
Mar-16				-	0.00%	-
Apr-16				-		
May-16				-		
Jun-16				-	0.00%	-
AVG.	22,960,000	22,031,336	96.12%	928,665	96.12%	928,665
TOTAL	137,760,000	132,188,013		5,571,987		
Monthly Avg. Percent Unaccounted =			3.88%			
Monthly Avg. Percent Accounted =			96.12%			
6 out of 6 months this fiscal year > 80% accountability						

Water Accountability %



**TOWN OF ROCKY MOUNT
UTILITY PROFILE
FISCAL YEAR 2016**

Month	Plant Hrs.	Raw Water Drawn	Monthly Avg. % of capacity	Finished water Treated	Monthly Avg. % of capacity	Total Water Gallons Accounted (A)(B)	Pct. Accounted	Connections	Wastewater Monthly Flow	Monthly Avg. % of Capacity	Total Sewer Gallons Billed	Pct. Account ed
Jul-15	294.50	22,910,000	36.95%	22,100,000	35.65%	22,249,622	100.68%	2,900	16,988,000	27.40%	15,241,932	89.72%
Aug-15	313.10	26,260,000	42.35%	25,140,000	40.55%	23,225,535	92.38%	2,900	16,523,000	26.65%	15,263,589	92.38%
Sep-15	312.00	25,830,000	43.05%	24,600,000	41.00%	23,207,716	94.34%	2,878	23,790,000	39.65%	16,375,932	68.84%
Oct-15	285.20	23,060,000	37.19%	22,360,000	36.06%	21,025,298	94.03%	2,903	35,464,000	57.20%	15,313,481	43.18%
Nov-15	288.00	23,420,000	39.03%	22,540,000	37.57%	21,145,508	93.81%	2,903	31,800,000	53.00%	14,416,358	45.33%
Dec-15	282.10	22,100,000	35.65%	21,020,000	33.90%	21,334,334	101.50%	2,890	34,472,000	55.60%	15,867,156	46.03%
Jan-16	288.30	22,380,000	36.10%	21,500,000	34.68%				30,597,000	49.35%		
Feb-16			0.00%		0.00%					0.00%		
Mar-16			0.00%		0.00%					0.00%		
Apr-16			0.00%		0.00%					0.00%		
May-16			0.00%		0.00%					0.00%		
Jun-16			0.00%		0.00%					0.00%		
AVG.	294.74	23,708,571	38.62%	22,751,429	37.06%	22,031,336	96.12%	2,896	27,090,571	44.12%	15,413,075	64.25%

NOTE (A): "Total Water Gallons Accounted" consists of gallons billed and gallons read but not billed plus bulk water sold at the Water Plant plus water used to flush lines or hydrants plus gallons used to fill water tanks.

NOTE (B): For any given month, "total water gallons accounted" are for "finished water treated" that month. For example, for the month of July, "water gallons accounted" would be water consumed during the month of July by customers and read by the meter readers during the first week of August. Those gallons, however, would not be billed to customers until the end of August during that month's billing cycle. However, those gallons consumed are displayed on the July line to match usage with water plant production ("finished water treated").

MONTHLY STAFF REPORT

DATE:	January 14, 2016
TO:	Rocky Mount Town Council
FROM:	Jeff Rakes
DEPARTMENT:	Fire Department
MONTH:	December 2015

The Rocky Mount Fire Department had a total of 35 calls for the month of December 2015. 13 calls inside town limits and 22 calls in the county.

A total of 113 gallons of gasoline and 115 gallons of diesel fuel were used answering these calls.

Of the 35 calls there were 5 structure fires, 5 woods and grass fires, 15 motor vehicle accidents, 7 false alarms, 2 smoke or odor removal and 1 electrical pole fire.

The Rocky Mount Fire Department traveled a total of 903 miles covering these calls.

December was also the end of a quarter for the Dept. and during that quarter the Rocky Mount Fire Dept. answered a total of 118 calls. 57 inside town limits and 61 in the county.

The Rocky Mount Fire Dept. trained for a total of 24 man hours during December and 69 man hours for the quarter.

A grant has been submitted for new Air Packs, Bottles, an RIT Bag, and a new Cascade System (Bottle Filling Machine). Thanks to Matt Hankins and Chief Rakes for all the hard work on this grant.

MONTHLY STAFF REPORT

DATE:	February 2nd, 2016
TO:	Rocky Mount Town Council
FROM:	Chief Ken E. Criner, Jr.
DEPARTMENT:	Police Department
MONTH:	January

Please see attached Monthly Report for monthly statistics.

ROCKY MOUNT POLICE DEPARTMENT
MONTHLY REPORT TO COUNCIL

ADM #1

DATE: January 2016

NOV.

DEC.

JAN.

	NOV.	DEC.	JAN.
UNIFORM TRAFFIC SUMMONS ISSUED	93	108	85
TRAFFIC STOPS	179	156	220
SPEEDING TICKETS ISSUED	27	28	16
DUI	6	3	5
COLLISIONS INVESTIGATED (TREDS)	12	13	19
MOTORIST AIDES	44	50	63
CRIMINAL ARRESTS "MISDEMEANOR"	50	43	57
CRIMINAL ARRESTS "FELONY"	30	10	23
INCIDENTS ADDRESSED	1895	2047	2208
INCIDENTS, OFFENSES REPORTABLE IN "RMS"	78	83	76
GRAND LARCENY WARRANTS	10	4	7
BREAKING & ENTERING REPORTS	0	0	1
BREAKING & ENTERING WARRANTS	0	0	2
BOLO'S (Be On Look Out)	68	40	40
FOLLOW-UP'S	78	70	65
BUSINESSES, RESIDENCES CHECKED "FOOT PATROLS"	1021	1186	1344
SCHOOL CHECKS	93	99	94
ALARM RESPONSES	33	30	25
OPEN DOORS, WINDOWS, ETC. UNSECURED	10	7	10
COURT HOURS	20	21.25	32.75
TRAINING HOURS:	19	286	220
SPECIAL ASSIGNMENT HOURS:	105.75	88.75	63.5
HARVESTER HOURS WORKED:	45.5	28	18
ECO/TDO	4	7	1
ECO/TDO Hours:	10.25	14.75	3

TRAFFIC ENFORCEMENT:

- ◇ Moving and stationary radar: throughout the Town, Bernard Road, Greenview Drive, North & South Main Street, Grassy Hill Road, Tanyard Road, Pell Avenue, State Street, Old Franklin Turnpike, Scuffling Hill Road, Glenwood Drive, Green Meadow Lane and Windy Lane.
- ◇ There were 19 reportable accidents with 16 of the accidents on our public streets.

COMMUNITY OUTREACH:

- ◇ Residential Foot Patrols: Anderson Street, Bernard Road, Bland Street, Byrd Lane, Candlewood Apartments, Claiborne Avenue, Cornell Road, Dent Street, Diamond Avenue, Donald Avenue, East Court Street, East Street, Edgemont Street, Fairlawn Drive, Frontage Road, Glenwood Drive, Goodview Street, Grassy Hill Road, Greenmeadow Lane, Greenview Avenue, Greer Lane, Hatcher Street, Herbert Street, Jubal Pass, Knob Apartments, Lakeview Drive, Leonor Street, Mamie Avenue, Maple Avenue, Mary Coger Lane, Montview Avenue, Mountain View Drive, Musefield Road, Norris Street, North Main Street, Oak Street, Old Franklin Turnpike, Orchard Avenue, Patterson Avenue, Pell Avenue, Pendleton Street, Riverview Street, School Board Road, Scuffling Hill Road, Spring Street, State Street, Summit Drive, Sycamore Street, Tanyard Village, Trail Drive, Warren Street, West Court Street, Wilson Street, Windsor Drive, Windy Lane, Woodlawn Drive and Wrays Street.
- ◇ Business Foot Patrols: Aaron's, ABC Store, All American Car Wash, Angle Hardware, Applebee's, Arrington Sports Awards, BB& T Bank, BFMS, Bojangles, Bootleggers Café, Burger King, C-Mart, Carter Bank & Trust, CATCE Center, China City, Christian Heritage Academy, Comfort Inn, Cook Out, Cox's, CVS, Dairy Queen, Dollar General, Dollar Tree, Domino's, Eagle Cinema, El Rodeo, Empire Foods, Family Dollar, Family Pharmacy, Farmer's Market, FCHS, Fleetwood Homes, Food Lion, Franklin Community Bank, Francis of Assisi, Franklin Center, Franklin County Health Department, Franklin Heights Baptist Church, Franklin Memorial Hospital, Franklin Street, Free Clinic, Goodwill, Gusler' Alignment, Hardee's, Harper's Plumbing, Harvester Center, Haywood's, Hema's, Holiday Inn Express, Hub Restaurant, Ippys, Kay's Corner, J&J Fashions, Kentucky Fried Chicken, Kroger, Lee M. Waid, Lowe's, Mary Bethune Park, Mary Elizabeth Park, McDonalds, Member One, ModuKraft, Moose Lodge, Newbold, North Main Street, Old Franklin Turnpike, Papa Johns, Pet Clinic, Peebles, Pizza Hut, Plygem, Riverside Minute Market, Rocky Mount Bowling Center, Rocky Mount Elementary, Rocky Mount Public Works, Roses, Schewel's, School Board Road, Sheetz, Shell Station, Shoe Show, South Main Street, Tanyard Road, Sun Tan City, Tanyard Road, Valley Star Bank, Wal-Mart, YMCA and The Zone.

MISCELLANEOUS:

- ◇ January 4th, 2016 - Open Door "Rocky Mount Public Works"
- ◇ January 4th, 2016 - Open Door "Enterprise Rent A Car"
- ◇ January 5th, 2016 - Open Door "Franklin County High School"
- ◇ January 11th, 2016 - Open Door "The CEED Building"
- ◇ January 13th, 2016 - Open Door "The Grainery"
- ◇ January 15th, 2016 - Open Door "The CEED Building"
- ◇ January 18th, 2016 - Martin Luther King Breakfast
- ◇ January 19th, 2016 - Open Door "YMCA"
- ◇ January 22nd, 2016 - Open Door "YMCA"
- ◇ January 23rd, 2016 - Open Door "Rocky Mount United Methodist Church"
- ◇ January 30th, 2016 - Open Door - "Virginia Office Supply"

CRIMINAL ARRESTS & LOCATIONS:

Possession of Methamphetamine w/ Intent to Distribute	Sycamore Street
Possession of Methamphetamine	Old Franklin Turnpike
Possession of Schedule I or II Controlled Substance	Old Franklin Turnpike (x 2)
Possession of Schedule IV Controlled Substance	Old Franklin Turnpike (x 2)
Possession of Marijuana w/ Intent to Distribute	Diamond Avenue
Possession of Marijuana	Old Franklin Turnpike (x 3)
Possession of Marijuana	North Main Street (x 2)
Possession of Marijuana	Sycamore Street
Possession of Marijuana	Scuffling Hill Road
Possession of Marijuana	South Main Street
Possession of Drug Paraphernalia	Old Franklin Turnpike (x 2)
Driving Under the Influence	Franklin Street
Driving Under the Influence	Tanyard Road
Driving Under the Influence	Sycamore Street
Driving Under the Influence	North Main Street
Driving Under the Influence of Drugs	Old Franklin Turnpike
Drunk In Public	Tanyard Road
Drunk In Public	North Main Street
Possession of Alcohol Underage	Old Franklin Turnpike (x 4)
Breaking & Entering	Donald Avenue (x 2)
Shoplifting	Old Franklin Turnpike (x 4)
Domestic Assault	Trail Drive (x 2)
Domestic Assault	State Street

Domestic Assault	Spring Street
Domestic Assault	Perdue Lane
Domestic Assault	East Court Street
Simple Assault	Oak Street (x 3)
Simple Assault	Tanyard Road (x 2)
Simple Assault	Donald Avenue (x 2)
Obtain Money by False Pretense	North Main Street (x 4)
Larceny of a Credit Card	East Court Street (x 3)
Larceny of a Credit Card	Green Meadow Lane
Grand Larceny	East Court Street (x 2)
Grand Larceny	Green Meadow Lane
Credit Card Fraud	East Court Street
Credit Card Fraud	Green Meadow Lane
EBT Card Fraud	East Court Street
Embezzlement	Old Franklin Turnpike
Larceny	Donald Avenue
Show Cause	East Court Street
Warrant Service (Felony)	Edgemont Street
Warrant Service (Felony)	Old Franklin Turnpike
Warrant Service (Misdemeanor)	Old Franklin Turnpike (x 2)
Warrant Service (Misdemeanor)	East Court Street
Warrant Service (Misdemeanor)	Anderson Street
Warrant Service (Capias)	Claiborne Avenue
Warrant Service (Capias)	Bland Street
Felony Hit & Run	Tanyard Road
Felony Hit & Run	Sycamore Street
Hit & Run	Pell Avenue

Hit & Run

Old Franklin Turnpike

Disorderly Conduct

North Main Street

Emergency Custody Order

Scuffling Hill Road

Fake License Plate

East Court Street

Failure to Yield Right of Way

East Court Street

Speeding41/25

Old Franklin Turnpike

SPEEDING TICKETS ISSUED

Pell Avenue (x 7)

State Street (x 3)

Tanyard Road (x 2)

East Court Street

North Main Street

Scuffling Hill Road

School Board Road

MONTHLY STAFF REPORT

DATE:	February 1, 2016
TO:	Rocky Mount Town Council
FROM:	Cecil Mason, Public Works Director
DEPARTMENT:	Public Works
MONTH:	January 2016

1. Read meters (3 days)
2. Changed four 5/8" meters
3. Repaired 6" water line for Ronile
4. Install two 5/8" meters with setters at Oakes
5. Water connection at 543 Power Dam Road
6. Removed Christmas decorations for 2 days
7. Worked 7 days on snow
8. Cleanup 3 days
9. Leaf pickup for 6 days and stopped on January 15, 2016
10. Dug 1 grave for Mr. English (Flora Funeral Home)
11. Replaced 168 feet sewer line on Leanor Street. It was a blockage from roots.
12. Greer Lane there was a sewer blockage. We flushed the line, ran the camera and treated for some roots.

MONTHLY STAFF REPORT

DATE:	February 1, 2016
TO:	Rocky Mount Town Council
FROM:	Tim Burton
DEPARTMENT:	Waste Water Treatment Plant
MONTH:	January

Average Daily Flow	0.987 MGD
TSS Reduction	96.1 %
BOD Reduction	96.6 %
Leachate (F.C. Landfill)	228,498 gallons
VPDES Violations	None
Sludge (Land filled @ F.C.)	55.96 Tons
Rain Total 1.67 inches	Snow Total 13.2 inches

The WWTP had a catastrophic failure in one of its three main pumps at the Main Pump Station. The pump has been pulled out and sent off for a major rebuild. This pump is suppose to be good as new when we receive it back.

Round two of the permit renewal testing was completed in January and the third round is scheduled to be completed in April. That will finish the special testing that is required for permit renewal.

Respectfully Submitted,

Timothy Burton

MONTHLY STAFF REPORT

DATE:	February 2, 2016
TO:	Rocky Mount Town Council
FROM:	Bob Deitrich, Water Plant Superintendent
DEPARTMENT:	Water Department
MONTH:	January 2016

Operation and Production Summary:

For January, the actual water production time (filtering of water) for the entire month averaged 9.3 hours per day which yielded approximately 690,000 gallons of water per day. Rainfall for the month, measured at the water plant, was approximately 2 inches, with an additional 12" of snow.

Total Raw Water Pumped:	22.38 million gallons
Total Drinking Water Produced:	21.50 million gallons
Average Daily Production:	690,000 gallons per day
Ave Percent of Production Capacity:	34.5%
Flushing of Hydrants/Tanks/FD Use:	4500 gallons
Plant Process Water:	660,000 gallons (finished water used by the plant)
Bulk Water Sold @ WTP:	None

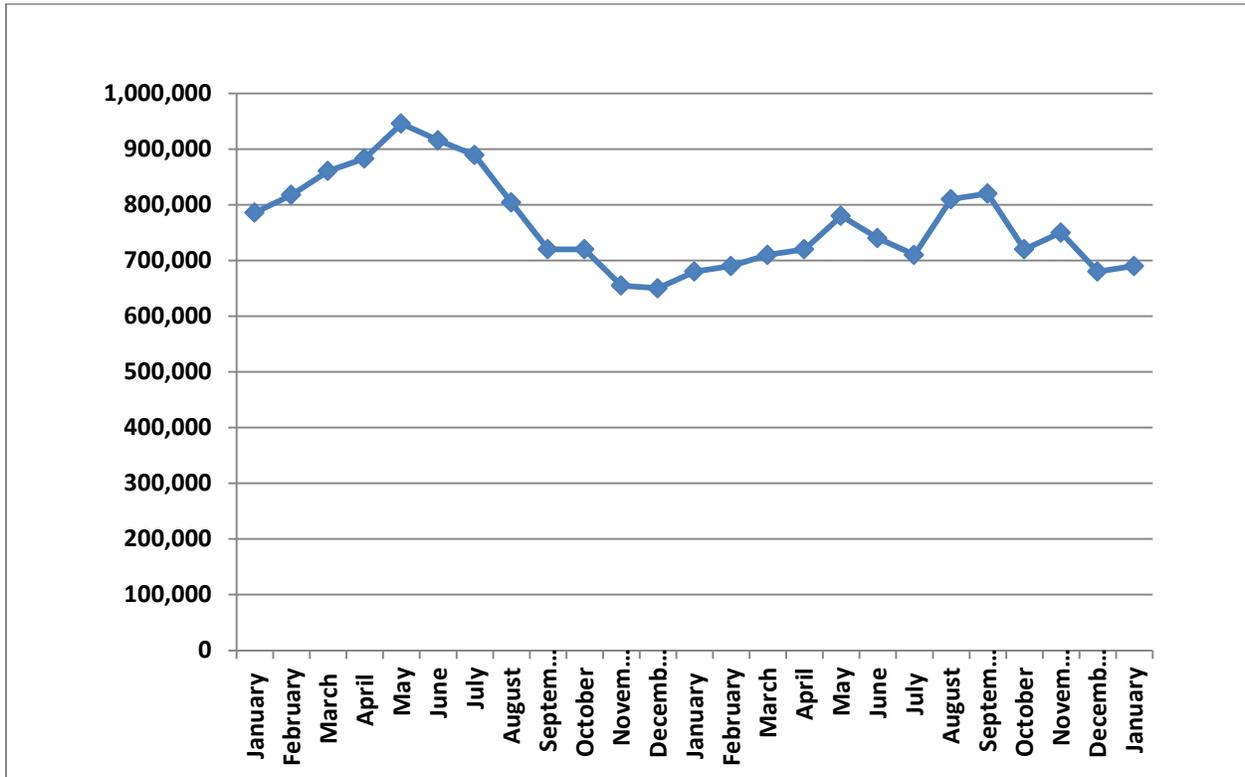
Testing:

- All routine monthly bacteria samples were free of bacteria. EPA requires that some water quality parameters be checked just once a year, as long as there is a history of satisfactory test results. We generally collect these samples in January. Our water is tested for things like metals, volatile organic chemicals, and nitrates. We have received results of our annual sampling and all parameters continue to be in compliance with all EPA drinking water standards.
- With lead contaminated drinking water in the national news lately, our most recent test results from samples collected in 2014 were reviewed. None of the 20 samples collected showed lead levels over the 15 parts per billion EPA action level. Because of our good sample history, the Town is not required to sample for lead again until 2017. In light of the controversy in Flint Michigan, the Water Department will collect a number of check samples during the summer of 2016 (when conditions most favor pipe corrosion) to make sure our treatment is continuing to prevent lead from being a concern for our customers.

Activities / Maintenance / Improvements

- Issues with the new aeration equipment at South Tank have been resolved. Everything is working properly.
- The snow storm only caused minor inconveniences for the water plant. Staff kept the water tanks at normal levels.

Water Plant Production in Gallons Per Day (January 2014 to January 2016)



ITEM(S) TO BE CONSIDERED UNDER:

- Hearing of Citizens
 Consent Item
 Old Business
 New Business
 Committee Report
 Other

FOR COUNCIL MEETING DATED:	February 8, 2016
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STAFF MAKING REQUEST:	C. James Ervin, Town Manager
BRIEF SUMMARY OF REQUEST:	<p>Council has previously scheduled a retreat the 11th and 12th of March. The cost of the facilitator was an issue and staff was instructed to search for another or to prepare to facilitate the retreat. Some members of Council have commented after the scheduling that the timing was difficult and that it would be better to hold the retreat in the Summer.</p> <p>Staff have discussed the Towns needs with Dr. Linda Ferguson who facilitated the recent Franklin County retreat and her proposal is for \$2,000 to \$2,500 based on the amount of time needed before hand to discuss need, goals, objectives and challenges with each Council Member.</p> <p>Staff recommends that the March dates be eliminated to allow for fuller Council participation, picking instead a Friday and Saturday in June or July based on the collective schedule. Additionally, if Council approves of the new proposal for a facilitator, this can be booked at this time.</p>
ACTION NEEDED:	Approve or Deny the contracting with Dr. Ferguson and supply new dates if desired for a retreat.

Attachment(s):

<p>FOLLOW-UP ACTION: (To be completed by Town Clerk)</p>
--

ITEM(S) TO BE CONSIDERED UNDER:

- Hearing of Citizens Consent Item Old Business New Business
 Committee Report Other

FOR COUNCIL MEETING DATED:

STAFF MAKING REQUEST:	C. James Ervin, Town Manager
BRIEF SUMMARY OF REQUEST:	The attached letter has been submitted from the Franklin County Parks & Recreation regarding the Chug for the Jug 5K, Kids Fun Run and Carilion Health Walk on April 23, 2016. It has been reviewed by your police department.
ACTION NEEDED:	Approve or deny the street closure for use of the races.

Attachment(s):

FOLLOW-UP ACTION: (To be completed by Town Clerk)



FRANKLIN COUNTY
PARKS & RECREATION

540-483-9293

www.PlayFranklinCounty.com

Town of Rocky Mount
C/o Mayor Steven Angle
345 Donald Avenue
Rocky Mount, VA 24151

January 12, 2016

This letter is a request for use of roadways for the 2016 Chug for the Jug 5K, Kids Fun Run and Carilion Health Walk that is scheduled for **Saturday, April 23, 2016** at **8:00am** at the Early Inn in downtown Rocky Mount.

The Kids Race begins at **7:30am** and plans are to have their course on the grounds of the Early Inn. The adult race/walk begins at **8:00am** at the Early Inn and finishes at the Early Inn. The course is the same that was used last year except we will begin and start from the Early Inn location. I have been in contact with Mark Lovern with the Rocky Mount Police Department and he and his officers are willing to provide assistance for us on race day.

Last year there were **15** youth in the Kids Fun Run, **47** walkers in the Health Walk and **91** runners in the 5k Race. At total of **153** participants enjoyed this event that was sponsored by Carilion Franklin Memorial Hospital, the Town of Rocky Mount, Haywood's Jewelers, and American National Bank & Trust Company.

Thank you for your consideration and support.

Marcia Cramblitt

Marcia Cramblitt

Recreation Programs Manager

Cc: Mark Lovern, Rocky Mount Police Department



ITEM(S) TO BE CONSIDERED UNDER:

- Hearing of Citizens Consent Item Old Business New Business
 Committee Report Other

FOR COUNCIL MEETING DATED:	
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STAFF MAKING REQUEST:	C. James Ervin, Town Manager
BRIEF SUMMARY OF REQUEST:	The attached letter has been submitted from the Outlaw Cruisers Car Club regarding their annual car show on May 29, 2016. It has been reviewed by your police department.
ACTION NEEDED:	Approve or deny the street closure for use of the car show.

Attachment(s):

<p>FOLLOW-UP ACTION: (To be completed by Town Clerk)</p>
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Rocky Mount Town Council
Municipal Building
Rocky Mount, VA 24151

January 25, 2016

To Whom It May Concern:

The Outlaw Cruisers Car Club is beginning to plan our annual car show to benefit several non-profit organizations. This event is scheduled for Sunday, May 29, 2016 from 1PM to 4PM with a rain date of Sunday, June 5, 2016 during the same time. The club would like to request permission for this event downtown at the stated dates.

We respectfully request permission to close Franklin Street and the streets intersecting it beginning at Arrington Flowers and ending at the stop light intersection of the Post Office for the Car Show. Thank you for your time and consideration in this matter.

Sincerely,

A handwritten signature in black ink that reads "Ron Guertin". The signature is written in a cursive, flowing style.

Ron Guertin, President
Outlaw Cruisers Car Club

ITEM(S) TO BE CONSIDERED UNDER:

- Hearing of Citizens Consent Item Old Business New Business
 Committee Report Other

FOR COUNCIL MEETING DATED: _____

STAFF MAKING REQUEST:	C. James Ervin, Town Manager
BRIEF SUMMARY OF REQUEST:	<p>NTELOS Networks Inc. was granted a telecommunications franchise via ordinance dated March 15, 2005 for a period of five years. This was to place fiber optic cable in Town of Rocky Mount right-of-ways to serve generally commercial customers. NTELOS Networks Inc. changed its name to Lumos Network Inc. on August 31, 2011. Lumos Network Inc. wishes to renew and amend the ordinance granting them permission to operate telecommunications facilities within the Town of Rocky Mount.</p> <p>Lumos Networks Inc. has submitted an updated Performance Bond, Certificate of Insurance, and map of their service area to the Town of Rocky Mount.</p> <p>Submitted for your consideration is a renewal agreement with Lumos Network Inc with only the following changes from the agreement that was approved in 2005:</p> <p>The recipient of the franchise is amended to be Lumos Networks Inc.</p> <p>Section 701 General Requirements of a Performance Bond, is amended to read:</p> <p style="padding-left: 40px;">Prior to the Effective Date of this Ordinance, the Company has deposited with the Town a Performance Bond made payable to the Town in the amount of \$25,000.00.</p> <p style="padding-left: 40px;">Prior to commencing each construction project within the Town, the Company shall deposit a Performance Bond made payable to the Town in an amount required by the Town for the specific construction project.</p> <p style="padding-left: 40px;">The Performance Bond is to guarantee that the project is done in a proper manner without damage to the PROW. The bond shall be written by a corporate surety acceptable to the Town and authorized to do business in the Commonwealth of Virginia.</p> <p>Section 1201 Notice, is amended to read:</p> <p style="padding-left: 40px;">All notices, except for in cases of emergencies, required pursuant</p>

	<p>to the franchise granted by this Ordinance shall be in writing and shall be mailed or delivered to the following address:</p> <p>To the Company: Lumos Network Inc. Attn: Mary McDermott One Lumos Plaza Waynesboro, VA 22980</p> <p>To the Town: Town of Rocky Mount Attn: Town Manager 345 Donald Ave Rocky Mount, VA 24060</p> <p>All correspondences shall be by registered mail, certified mail or regular mail with return receipt requested; and shall be deemed delivered when received or refused by the addressee. Each Party may change its address above by like notice.</p> <p>Section 2001 Effective Date is amended to read:</p> <p>This ordinance shall be in full force and effect as of the date of its adoption.</p>
<p>ACTION NEEDED:</p>	<p>Approve or Deny the request of Lumos Networks Inc. to renew its telecommunications franchise with the Town of Rocky Mount.</p>

Attachment(s):

FOLLOW-UP ACTION:
(To be completed by Town Clerk)

LUMOS NETWORK, INC.
TELECOMMUNICATIONS FRANCHISE ORDINANCE

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AN ORDINANCE GRANTING A TELECOMMUNICATIONS FRANCHISE TO LUMOS NETWORKS, INC., ITS SUCCESSORS AND ASSIGNS TO USE THE STREETS AND OTHER PUBLIC PLACES OF THE TOWN OF ROCKY MOUNT, VIRGINIA, FOR ITS POLE, WIRES, CONDUITS, CABLES AND FIXTURES, FOR A PERIOD OF FIVE (5) YEARS

BE IT ORDAINED by the Council of the Town of Rocky Mount, Virginia, that Lumos Networks, Inc. (the "Company"), its successors and assigns, is hereby granted a telecommunications franchise for a period of five (5) years from the effective date hereof and is hereby authorized and empowered to erect, maintain and operate certain telephone lines and associated equipment, including posts, poles, cables, wires and all other necessary overhead or underground apparatus and associated equipment on, over, along, in, under and through the streets, alleys, highways and other public places of the Town of Rocky Mount, Virginia (the "Town") as its business may from time to time require; provided that:

ARTICLE I

SECTION 101 PURPOSE AND SCOPE

To provide for the health, safety and welfare of its citizens and to ensure the integrity of its roads and streets and the appropriate use of the Public Rights-of-Way, the Town strives to keep the right-of-way under its jurisdiction in a state of good repair and free from unnecessary encumbrances.

Accordingly, the Town hereby enacts this Ordinance relating to a telecommunications right-of-way franchise and administration. This Ordinance imposes regulation on the placement and maintenance of Facilities and equipment owned by the Company currently within the Town's Public Rights-of-Way or to be placed therein at some future time. The Ordinance is intended to complement, and not replace, the regulatory roles of both state and federal agencies. Under this Ordinance, when excavating and obstructing the Public Rights-of-Way, the Company will bear financial responsibility for their work to the extent provided herein. Finally, this Ordinance provides for recovery of the Town's reasonable out-of-pocket costs related to the Company's use of the Public Rights-of-Way, subject to the terms and conditions herein.

SECTION 102 AUTHORITY TO MANAGE THE RIGHT OF WAY

This Ordinance granting a telecommunications franchise is created to manage and regulate the Company's use of the Town's

Public Rights-of-Way along town roads pursuant to the authority granted to the Town under Sections 15.2-2015, 56-460, and 56-462(A) of the Virginia Code and other applicable state and federal statutory, administrative and common law.

This Ordinance and any right, privilege or obligation of the Town or Company hereunder, shall be interpreted consistently with state and federal statutory, administrative and common law, and such statutory, administrative or common law shall govern in the case of conflict. This Ordinance shall not be interpreted to limit the regulatory and police powers of the Town to adopt and enforce other general ordinances necessary to protect the health, safety, and welfare of the public.

SECTION 103 DEFINITIONS

103.1 Town means the Town of Rocky Mount, Virginia, a municipal corporation.

103.2 Company means Lumos Networks, Inc., including its successors and assigns.

103.3 Director means the Director of Public Works for the Town.

103.4 Facility means any tangible asset in the Public Rights-of-Way required to provide utility service, which includes but is not limited to, cable television, electric, natural gas, telecommunications, water, sanitary sewer and storm sewer services.

103.5 Patch means a method of pavement replacement that is temporary in nature.

103.6 Pavement means any type of improved surface that is within the Public Rights-of-Way including but not limited to any improved surface constructed with bricks, pavers, bituminous, concrete, aggregate, or gravel or some combination thereof.

103.7 Public Rights-of-Way or PROW means the area on, below, or above a public roadway, highway, street, cartway, bicycle lane, and public sidewalk in which the Town has an interest, included other dedicated rights-of-way for travel purposes and utility easements of the Town, paved or otherwise. This definition does not include a state highway system regulated pursuant to the direction of the Commonwealth Transportation Board.

ARTICLE II

SECTION 201 INITIAL INSTALLATION

The initial installation of equipment, lines, cables or other Facilities by the Company shall be a mixture of overhead and underground in Public Rights-of-Way as depicted in Exhibit A, attached hereto, and as may have been or may hereafter be modified, and incorporated by reference.

SECTION 202 SUBSEQUENT INSTALLATION

202.1 Subsequent Installation Made Pursuant to an Approved PROW Plan: Additional Facilities installed within the PROW may be placed overhead or underground pursuant to an approved request by the Company made pursuant to Article III, and in accordance with such generally applicable ordinances or regulations governing such installations that have been adopted by the Town from time to time.

202.2 General Preference for Underground Facilities: As a matter of policy, the Town prefers that the installation of any Facility within the PROW occur underground. Notwithstanding this preference, the Town recognizes that in some circumstances the placement of Facilities underground may not be appropriate.

202.3 Installation of Overhead Facilities: Where a subsequent PROW plan is approved for overhead installation, the Company shall use its existing Facilities, or those of another utility where available. If the PROW plan calls for overhead installation and existing Facilities cannot accommodate the proposed installation, the Company will clearly indicate in the PROW plan its intended placement of new Facilities for the Director's review and consideration pursuant to Article III.

202.4 Future Ordinances: Nothing herein shall be construed to limit the authority of the Town to adopt an ordinance that will restrict the placement of overhead lines for all utilities using the PROW within a defined area of the Town.

202.5 Conditions for Relocating Underground: The Company agrees that if, at some future time, the telephone and other utility lines on the posts, poles, and other overhead apparatus upon which the Company has placed some or all of its Facilities in the Town's PROWs are relocated underground, the Company will also, at such time, relocate its Facilities on those posts, poles, and other overhead apparatus underground at its expense. Notwithstanding the foregoing, the Town shall reimburse Company

for any such relocation expense if such reimbursement is required by Section 56-468.2 of the Code of Virginia, or other applicable law.

SECTION 203 INSPECTION BY THE TOWN

The Company shall make the work-site available to the Town and to all others as authorized by law for inspection at all reasonable times, during the execution of, and upon completion of, all work conducted pursuant to this Ordinance.

SECTION 204 AUTHORITY OF THE TOWN TO ORDER CESSATION OF EXCAVATION

At the time of inspection, or any other time as necessary, the Town may order the immediate cessation and correction of any work within the Public Rights-of-Way which poses a serious threat to the life, health, safety or well being of the public.

SECTION 205 LOCATION OF POSTS, POLES, CABLES AND CONDUITS

In general, all posts, poles, wires, cables and conduits which the Company places within the Public Rights-of-Way pursuant to this Ordinance shall in no way permanently obstruct or interfere with public travel or the ordinary use of, or the safety and convenience of persons traveling through, on, or over, the Public Rights-of-Way within the Town.

SECTION 206 OBSTRUCTION OF THE PROW

Generally, any obstruction of the PROW is limited to the manner clearly specified within an approved PROW plan.

206.1 Removal of Obstructions: Obstructions of the PROW not authorized by an approved PROW plan shall be promptly removed by the Company upon receipt of notice from the Town. The Town's notice of the Obstruction will include a specified reasonable amount of time determined by the Director for the Company's removal of the obstruction, given the location of the obstruction and its potential for an adverse effect on the public's safety and the public's use of the PROW. If the Company has not removed its obstruction from the PROW within the time designated within the notice, the Town, at its election, will make such removal and the Company shall pay to the Town its reasonable costs within thirty (30) days of billing accompanied by an itemized statement of the Town's reasonable costs. If payment is not received by the Town within the thirty (30) day period, the Town Attorney may bring an action to recover the

reasonable costs of the removal and reasonable attorney's fees in a court of competent jurisdiction pursuant to Section 56-467 of the Virginia Code. Reasonable costs may include, but are not limited to administrative, overhead mobilization, material, labor, and equipment related to removing the obstruction.

206.2 No Obstruction of Water: The Company shall not obstruct the PROW in a manner that interferes with the natural, free and clear passage of water through the gutters, culverts, ditches, tiles or other waterway.

206.3 Parking, Loading and Unloading of Vehicles Shall not Obstruct the PROW: Private vehicles of those doing work for the Company in the PROW must be parked in a manner that conforms to the Town's applicable parking regulations. The loading or unloading of trucks must be done in a manner that will not obstruct normal traffic within the PROW, or jeopardize the safety of the public who use the PROW.

ARTICLE III

SECTION 301 ADMINISTRATION OF THE PUBLIC RIGHTS-OF-WAY

The Director is the principal Town official responsible for the administration of this Ordinance granting a telecommunications franchise to the Company and any of its PROW Plans. The Director may delegate any or all of the duties hereunder to an authorized representative.

SECTION 302 SUBMISSION OF PROW PLAN

At least thirty (30) days before beginning any installation, removal or relocation of underground or overhead Facilities, the Company shall submit detailed plans of the proposed action to the Director for his or her review and approval, which approval shall not unreasonably be withheld, conditioned, or delayed.

SECTION 303 GOOD CAUSE EXCEPTION

303.1 Waiver: The Director, at his or her sole judgment, is authorized to waive the thirty (30) day requirement in Section 302 for good cause shown.

303.2 Emergency Work: The Company shall immediately notify the Director of any event regarding its Facilities that it considers to be an emergency. The Company will proceed to take whatever actions are necessary to respond to the emergency, or as directed by the Director. If the Town becomes aware of an

emergency regarding the Company's Facilities, the Town will attempt to contact the Company's emergency representative as indicated in Section 1202. In any event, the Town shall take whatever action it deemed necessary by the Director to make an appropriate and reasonable response to the emergency. The costs associated with the Town's response shall be borne by the person whose Facilities occasioned the emergency.

SECTION 304 DECISION ON PROW PLAN BY THE DIRECTOR

304.1 Decision: The Director, or his or her authorized representative, shall, within thirty (30) days, either approve the Company's plans for proposed action as described in Section 302 or inform the Company of the reasons for disapproval. The Company shall designate a responsible contact person with whom officials of the Department of Public Works can communicate on all matters relating to equipment installation and maintenance.

304.2 Appeal: Upon written request within thirty (30) days of the Director's decision, the Company may have the denial of a PROW Plan reviewed by the Town Manager. The Town Manager will schedule its review of the Director's decision within forty-five (45) days of receipt of such a request. A decision by the Town Manager will be in writing and supported by written findings establishing the reasonableness of its decision.

SECTION 305 MAPPING DATA

Upon completion of each project within the Public Rights-of-Way pursuant to this Ordinance, the Company shall provide to the Town such information necessary to maintain its records, including but not limited to:

- (a) location and elevation of the mains, cables, conduits, switches, and related equipment and other Facilities owned by the Company located in the PROW, with the location based on (i) offsets from property lines, distances from the centerline of the Public Rights-of-Way, and curb lines; (ii) coordinates derived from the coordinate system being used by the Town; or (iii) any other system agreed upon by the Company and the Town;
- (b) the outer dimensions of such Facilities; and
- (c) a description of above ground appurtenances.

ARTICLE IV

SECTION 401 COMPLIANCE WITH ALL LAW AND REGULATIONS

Obtaining this telecommunications franchise shall in no way relieve the Company of its duty to obtain all other necessary permits, licenses, and authority and to pay all fees required by any applicable state or federal rule, law or regulation. The Company shall comply with and fulfill all generally applicable laws and regulations, including ordinances, regulations and requirements of the Town, regarding excavations and any other work in or affecting the Public Rights-of-Way. The Company shall perform all work in conformance with all applicable codes and established rules and regulations, and it is responsible for all work conducted by the Company, another entity or person acting on its behalf pursuant to this Ordinance in the Public Rights-of-Way.

ARTICLE V

SECTION 501 RELOCATION OF COMPANY FACILITIES WITHIN THE PUBLIC RIGHTS-OF WAY

Upon written notice from the Director of a planned and authorized improvement or alteration of Town sidewalks, streets or other property, or of a proposed relocation of any Town-owned utilities that necessitate relocation of some or all of the Facilities owned by the Company and lines to accommodate same, the Company shall relocate at its own expense any such Facilities within one hundred eighty (180) days of receipt of the notice. At Company's request, the Town may consent to a longer period, with consent not to be unreasonably or discriminatorily withheld, conditioned or delayed. Notwithstanding the foregoing, the Town shall reimburse Company for any such relocation expense if such reimbursement is required by Section 56-468.2 of the Code of Virginia, or other applicable law.

SECTION 502 RIGHTS-OF WAY PATCHING AND RESTORATION

502.1 Restoration Standard: Where the Company disturbs or damages the Public Rights-of-Way, the Director shall have the authority to determine the manner and extent of the restoration of the Public Rights-of-Way, and may do so in written procedures of general application or on a case-by-case basis. In exercising this authority, the Director will consult with any state or federal standards for rights-of-way restoration and shall be further guided by the following considerations:

- (a) the number, size, depth and duration of the excavations, disruptions or damage to the Public Rights-of-Way;
- (b) the traffic volume carried by the Public Rights-of-Way;
- (c) the character of the neighborhood surrounding the Public Rights-of-Way;
- (d) the pre-excavation condition of the Public Rights-of-Way and its remaining life expectancy;
- (e) the relative cost of the method of restoration to the Company balanced against the prevention of an accelerated deterioration of the right-of-way resulting from the excavation, disturbance or damage to the Public Rights-of-Way; and
- (f) the likelihood that the particular method of restoration would be effective in slowing the depreciation of the Public Rights-of-Way that would otherwise take place.

502.2 Temporary Surfacing: The Company shall perform temporary surfacing, patching and restoration, including backfill, compaction, and landscaping according to standards determined by, and with the materials determined by, the Director.

502.3 Timing: After any excavation by the Company pursuant to this Ordinance, the patching and restoration of the Public Rights-of-Way must be completed promptly and in a manner determined by the Director.

502.4 Guarantees: The Company guarantees its restoration work and shall maintain it for twenty-four (24) months following its completion. The previous statement notwithstanding, the Company will guarantee and maintain plantings and turf for twelve (12) months. During these maintenance periods, the Company shall, upon notification by the Town, correct all restoration work to the extent necessary, using the method determined by the Director. Such work shall be completed after receipt of notice from the Director, within a reasonably prompt period, with consideration given for days during which work cannot be done because of circumstances constituting force majeure. Notwithstanding the foregoing, the Company's guarantees set

forth hereunder concerning restoration and maintenance, shall not apply to the extent another company, franchisee, licensee, permittee, other entity or person, or the Town disturbs or damages the same area, or a portion thereof, of the Public Rights-of-Way.

502.5 Duty to Correct Defects: The Company shall correct defects in patching, or restoration performed by it or its agents. Upon notification from the Town, the Company shall correct all restoration work to the extent necessary, using the method determined by the Director. Such work shall be completed after receipt of the notice from the Director within a reasonably prompt period, with consideration given for days during which work cannot be done because of circumstances constituting force majeure.

502.6 Failure to Restore: If the Company fails to restore the Public Rights-of-Way in the manner and to the condition required by the Director pursuant to Section 502.5, or fails to satisfactorily and timely complete all restoration required by the Director pursuant to the foregoing, the Town shall notify the Company in writing of the specific alleged failure or failures and shall allow the Company at least ten (10) days from receipt of the notice to cure the failure or failures, or to respond with a plan to cure. In the event that the Company fails to cure, or fails to respond to the Town's notice as provided above, the Town may, at its election, perform the necessary work and the Company shall pay to the Town its reasonable costs for such restoration within thirty (30) days of billing accompanied by an itemized statement of the Town's reasonable costs. If payment is not received by the Town within the thirty (30) day period, the Town Attorney may bring an action to recover the reasonable costs of the restoration and reasonable attorney's fees in a court of competent jurisdiction pursuant to Section 56-467 of the Virginia Code. Reasonable costs may include, but are not limited to, administrative, overhead mobilization, material, labor, and equipment related to such restoration.

502.7 Damage to Other Facilities Within the Public Rights-of-Way: The Company shall be responsible for the cost of repairing any Facilities existing within the Public Rights-of-Way that it or the Facilities owned by the Company damage. If the Company damages the Town's Facilities within the Public Rights-of-Way, such as, but not limited to, culverts, road surfaces, curbs and gutters, or tile lines, the Company shall correct the damage within a prompt period after receiving written notification from

the Town. If the Company does not correct the Town's damaged Facilities pursuant to the foregoing, the Town may make such repairs as necessary and charge all of the reasonable costs of such repairs within thirty (30) days of billing accompanied by an itemized statement of the Town's reasonable costs. If payment is not received by the Town within such thirty (30) day period, the Town Attorney may bring an action to recover the reasonable costs of the restoration and reasonable attorney's fees in a court of competent jurisdiction pursuant to Section 56-467 of the Virginia Code. Reasonable costs may include, but are not limited to, administrative, overhead mobilization, material, labor, and equipment related to such repair.

502.8 Director's Standard: All determinations to be made by the Director with respect to the manner and extent of restoration, patching, repairing and similar activities under the franchise granted by this Ordinance, shall be reasonable and shall not be unreasonably conditioned, withheld, or delayed. The Company may request additional time to complete restoration, patching, repair, or other similar work as required under the franchise granted by this Ordinance, and the Director shall not unreasonably withhold, condition, or delay consent to such requests.

ARTICLE VI

SECTION 601 INDEMNIFICATION AND LIABILITY

601.1 Scope of Indemnification: Subject to the following, the Company agrees and binds itself to indemnify, keep and hold the Town council members and its employees free and harmless from liability on account of injury or damage to persons, firms or corporations or property growing out of or directly or indirectly resulting from:

- (a) the Company's use of the streets, alleys, highways, sidewalks, rights-of-way and other public places of the Town pursuant to the franchise granted by this Ordinance;
- (b) the acquisition, erection, installation, maintenance, repair, operation and use of any poles, wires, cables, conduits, lines, manholes, Facilities and equipment by the Company, its authorized agents, subagents, employees, contractors or subcontractors; or
- (c) the exercise of any right granted by or under the franchise granted by this Ordinance or the failure,

refusal or neglect of the Company to perform any duty imposed upon or assumed by the Company by or under the franchise granted by this Ordinance.

601.2 Duty to Indemnify, Defend and Hold Harmless: If a suit arising out of subsection (a), (b), (c) of Section 601.1, claiming such injury, death, or damage shall be brought or threatened against the Town, either independently or jointly with the Company, the Company will defend, indemnify and hold the Town harmless in any such suit, at the cost of the Company, provided that the Town promptly provides written notice of the commencement or threatened commencement of the action or proceeding involving a claim in respect of which the Town will seek indemnification hereunder. The Company shall be entitled to have sole control over the defense through counsel of its own choosing and over settlement of such claim provided that the Company must obtain the prior written approval of Town of any settlement of such claims against the Town, which approval shall not be unreasonably withheld or delayed more than thirty (30) days. If, in such a suit, a final judgment is obtained against the Town, either independently or jointly with the Company, the Company will pay the judgment, including all reasonable costs, and will hold the Town harmless therefrom.

SECTION 602 WAIVER BY THE TOWN

The Town waives the applicability of these indemnification provisions in their entirety if it:

- (a) elects to conduct its own defense against such claim;
- (b) fails to give prompt notice to the Company of any such claim such that the Company's ability to defend against such claim is compromised;
- (c) denies approval of a settlement of such claim for which the Company seeks approval; or
- (d) fails to approve or deny a settlement of such claim within thirty (30) days of the Company seeking approval.

SECTION 603 INSURANCE

603.1 The Company shall also maintain in force a comprehensive general liability policy in a form satisfactory to the Town Attorney, which at minimum must provide:

- (a) verification that an insurance policy has been issued to the Company by an insurance company licensed to do business in the State of Virginia, or a form of self insurance acceptable to the Town Attorney;
- (b) verification that the Company is insured against claims for personal injury, including death, as well as claims for property damage arising out of (i) the use and occupancy of the Public Rights-of-Way by the Company, its agents, employees and permittees, and (ii) placement and use of Facilities owned by the Company in the Public Rights-of-Way by the Company, its officers, agents, employees and permittees, including, but not limited to, protection against liability arising from completed operations, damage of underground Facilities and collapse of property;
- (c) verification that the Town Attorney will be notified thirty (30) days in advance of cancellation of the policy or material modification of a coverage term;
- (d) verification that comprehensive liability coverage, automobile liability coverage, workers compensation and umbrella coverage established by the Town Attorney in amounts sufficient to protect the Town and the public and to carry out the purposes and policies of this Ordinance; and
- (e) verification that the policy has a combined single limit coverage of not less than one million dollars (\$1,000,000.00).

The policy shall include the Town as an additional insured party, and the Company shall provide the Town Attorney with a certificate of such coverage before beginning installation of any lines, cable or equipment.

603.2 The Company shall also require similar indemnification and insurance coverage from any contractor working on its behalf in the public right-of-way.

SECTION 604 NEGLIGENCE AND INTENTIONAL ACTS

Nothing herein contained shall be construed to render the Company liable for or obligated to indemnify the Town, its agents, or employees, for the negligence or intentional acts of the Town, its agents or employees, or a permittee of the Town.

ARTICLE VII

SECTION 701 GENERAL REQUIREMENT OF A PERFORMANCE BOND

Prior to the Effective Date of this Ordinance, the Company has deposited with the Town a Performance Bond made payable to the Town in the amount of \$25,000.00.

Prior to commencing each construction project within the Town, the Company shall deposit a Performance Bond made payable to the Town in an amount required by the Town for the specific construction project.

The Performance Bond is to guarantee that the project is done in a proper manner without damage to the PROW. The bond shall be written by a corporate surety acceptable to the Town and authorized to do business in the Commonwealth of Virginia.

SECTION 702 CHANGED AMOUNT OF THE PERFORMANCE BOND

At any time during the Term, the Town may, acting reasonably, require or permit the Company to change the amount of the Performance Bond if the Town finds that new risk or other factors exist that reasonably necessitate or justify a change in the amount of the Performance Bond. Such new factors may include, but not be limited to, such matters as:

- (a) material changes in the net worth of the Company;
- (b) changes in the identity of the Company that would require the prior written consent of the Town;
- (c) material changes in the amount and location of Facilities owned by the Company;
- (d) the Company's recent record of compliance with the terms and conditions of this Ordinance; and
- (e) material changes in the amount and nature of construction or other activities to be performed by the Company pursuant to this Ordinance.

SECTION 703 PURPOSE OF PERFORMANCE BOND

The Performance Bond shall serve as security for:

- (a) the faithful performance by the Company of all terms, conditions and obligations of this Ordinance;

- (b) any expenditure, damage or loss incurred by the Town occasioned by the Company's failure to comply with all rules, regulations, orders, permits and other directives of the Town issued pursuant to this Ordinance;
- (c) payment of compensation required by this Ordinance;
- (d) the payment of premiums for the liability insurance required pursuant to this Ordinance;
- (e) the removal of Facilities owned by the Company from the streets at the termination of the Ordinance, at the election of the Town, pursuant to this Ordinance;
- (f) any loss or damage to the streets or any property of the Town during the installation, operation, upgrade, repair or removal of Facilities by the Company;
- (g) the payment of any other amounts that become due to the Town pursuant to this Ordinance or law;
- (h) the timely renewal of any letter of credit that constitutes the Performance Bond; and
- (i) any other costs, loss or damage incurred by the Town as a result of the Company's failure to perform its obligations pursuant to this Ordinance.

SECTION 704 FEES OR PENALTIES FOR VIOLATIONS OF THE ORDINANCE

704.1 Fee or Penalty: The Company shall be subject to a fee or a penalty for violation of this Ordinance as provided for in applicable law.

704.2 Appeal: The Company may, upon written request within thirty (30) days of the Town's decision to assess a fee or penalty and for reasons of good cause, ask the Town to reconsider its imposition of a fee or penalty pursuant to this Ordinance unless another period is provided for in applicable law. The Town shall schedule its review of such request to be held within forty-five (45) days of receipt of such request from the Company. The Town's decision on the Company's appeal shall be in writing and supported by written findings establishing the reasonableness of the Town's decision. During the pendency of the appeal before the Town or any subsequent appeal thereafter, the Company shall place any such fee or penalty in an interest-bearing escrow account. Nothing herein shall limit the

Company's right to challenge such assessment or the Town's decision on appeal in a court of competent jurisdiction.

ARTICLE VIII

SECTION 801 COMPENSATION/PROW USE FEE

The Town reserves the right to impose at any time on the Company consistent with Section 253(c) of the Communications Act of 1934, as amended:

- (a) a PROW Use Fee in accordance with Section 56-468.1(G) of the Code of Virginia, and/or
- (b) any other fee or payment that the Town may lawfully impose for the occupation and use of the streets.

The Company shall be obligated to remit the PROW Use Fee and any other lawful fee enacted by the Town, so long as the Town provides the Company and all other affected certificated providers of local exchange telephone service appropriate notice of the PROW Use Fee as required by Section 56-468.1(G) of the Code of Virginia. If the PROW Use Fee is eliminated, discontinued, preempted or otherwise is declared or becomes invalid, the Company and the Town shall negotiate in good faith to determine fair and reasonable compensation to the Town for use of the streets by the Company for telecommunications.

SECTION 802 FRANCHISING COSTS

Prior to the execution of this Ordinance, the Town incurred costs for the services of third parties (including, without limitation, attorneys and other consultants) in connection with the award of this telecommunications Franchise. Within thirty (30) days after receipt from the Town of an invoice for such costs, the Company shall pay at such time and in such manner as the Town shall specify to the Town or, at the direction of the Town, to third parties an amount equal to the costs the Town incurs for the services of such third parties. Payment by Company of such franchising costs shall not in any way be offset nor deducted from applicable PROW use fees required pursuant to Section 801 herein. In the event of any renewal, renegotiations, transfer, amendment or other modification of this Ordinance or the franchise, the Company will reimburse the Town in the same manner for such third party costs, if any are incurred. The Company's obligations under this Section shall not exceed two thousand five hundred dollars (\$2,500.00).

SECTION 803 NO CREDITS OR DEDUCTIONS

The compensation and other payments to be made pursuant to Article VIII (a) shall not be deemed to be in the nature of a tax, and (b) except as may be otherwise provided by Section 56-468.1 of the Code of Virginia, shall be in addition to any and all taxes or other fees or charges that the Company shall be required to pay to the Town or to any state or federal agency or authority, all of which shall be separate and distinct obligations of the Company.

SECTION 804 REMITTANCE OF COMPENSATION/LATE PAYMENTS, INTEREST ON LATE PAYMENTS

(1) If any payment required by this Ordinance is not actually received by the Town on or before the applicable date fixed in this Ordinance, or (2) in the event the Town adopts an ordinance imposing a PROW Use Fee, if such Fee has been received by the Company from its customers, and has not been actually received by the Town on or before the applicable date fixed in this Ordinance or thirty (30) days after receipt of the PROW Use Fee from its customers, whichever is later, then the Company shall pay interest thereon, to the extent permitted by law, from the due date to the date paid at a rate equal to the rate of interest then charged by the Town for late payments of real estate taxes.

ARTICLE IX

SECTION 901 RESERVATION OF ALL RIGHTS AND POWERS

The Town reserves the right by ordinance or resolution to establish any reasonable regulations for the convenience, safety, health and protection of its inhabitants under its police powers, consistent with state and federal law. The rights herein granted are subject to the exercise of such police powers as the same now are or may hereafter be conferred upon the Town. Without limitation as to the generality of the foregoing, the Town reserves the full scope of its power by ordinance to require substitution of underground service for overhead service, or the transfer of overhead service from the front to the rear of property whenever reasonable in all areas in the Town and with such contributions or at such rates as may be allowed by law.

Notwithstanding anything herein to the contrary, nothing herein shall be construed to extend, limit or otherwise modify the authority of the Town preserved under Sections 253 (b) and (c) of the Communications Act of 1934, as amended. Nothing herein shall be construed to limit, modify, abridge or extend the rights of the Company under the Communications Act of 1934, as amended.

SECTION 902 SEVERABILITY

If any portion of this Ordinance is for any reason held to be invalid by any court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision and such holding shall not affect the validity of the remaining portions thereof.

ARTICLE X

SECTION 1001 MAINTENANCE OBLIGATION

The Company will maintain the poles, wires, cable, conduits, lines, manholes, equipment and other Facilities it owns within the Town's PROW in good order and operating condition throughout the term of the franchise granted by this Ordinance.

SECTION 1002 TREE TRIMMING

Should the Company install any overhead lines, it shall have the authority to trim trees upon or overhanging the streets, alleys, walkways or Public Rights-of-Way to prevent the branches of such trees from interfering with its lines or other Facilities. However, all such trimmings shall be performed in a safe and orderly manner under the general direction of the Director of Public Works or his or her designee and in compliance with the pruning standards of the National Arborists Association as currently in effect.

ARTICLE XI

SECTION 1101 INITIAL TERM OF TELECOMMUNICATIONS FRANCHISE

The term of the franchise granted by this Ordinance shall be for a period of five (5) years from the effective date of this Ordinance.

SECTION 1102 APPLICATION FOR NEW TELECOMMUNICATIONS FRANCHISE

If the Company wishes to maintain its equipment within the Town and to continue the operation of the system beyond the term of

the franchise granted by this Ordinance, it shall give written notice to the Town at least one hundred twenty (120) days before expiration of the franchise granted by this Ordinance, stating that it wishes to apply for a new franchise. Such application shall include a report of the location of the Facilities owned by the Company within the Town's PROW, and a statement as to whether the Company has complied with the provisions of this Ordinance.

SECTION 1103 OPERATION OF FACILITIES OWNED BY THE COMPANY WHILE RENEWAL IS PENDING

Upon a timely request by the Company prior to the expiration of its initial franchise, the Company shall be permitted to continue operations of the Facilities owned by the Company within the Town under the terms of the franchise granted by this Ordinance until the Town acts. Nothing herein shall be construed to grant the Company a perpetual franchise interest.

ARTICLE XII

SECTION 1201 NOTICE

All notices, except for in cases of emergencies, required pursuant to the franchise granted by this Ordinance shall be in writing and shall be mailed or delivered to the following address:

To the Company:

Lumos Networks, Inc.
Attn: Mary McDoermott
One Lumos Plaza
524 West Broad Street
Waynesboro, VA 22980

To the Town:

Town of Rocky Mount
Attn: Town Manager
345 Donald Avenue
Rocky Mount, VA 24151

All correspondence shall be by registered mail, certified mail or regular mail with return receipt requested; and shall be deemed delivered when received or refused by the addressee. Each Party may change its address above by like notice.

SECTION 1202 EMERGENCY NOTIFICATION

Notices required pursuant to Section 303.2 shall be made orally and by facsimile to the following:

To the Company:
Ntelos Network, Inc.
Attn: OSP Engr. & Const.
Mgr.
524 West Broad St.
Waynesboro, VA 22980

Phone (877) 411-6930
Fax (540) 943-3333

To the Town:
Town of Rocky Mount
Attn: Town Manager
345 Donald Avenue
Rocky Mount, VA 24151

Phone (540) 483-7660
Fax (540) 483-8830

SECTION 1203 REGISTRATION OF DATA

The Company, including any subleasee or assigns, must keep on record with the Town the following information:

- (a) Name, address and e-mail address if applicable, and telephone and facsimile numbers;
- (b) Name, address and e-mail address if applicable, and telephone and facsimile numbers of a local representative that is available for consultation at all times. This information must include how to contact the local representative in an emergency; and
- (c) A certificate of insurance as required under Article VI, Section 603 of this telecommunications franchise, and a copy of the insurance policy.

The Company shall keep update all of the above information with the Town within fifteen (15) days following its knowledge of any change.

ARTICLE XIII

SECTION 1301 TERMINATION OF TELECOMMUNICATIONS FRANCHISE

The franchise granted by this Ordinance may be terminated:

- (a) by the Company, at its election and without cause, by written notice to the Town at least sixty (60) days prior to the effective date of such termination; or
- (b) by either the Company or the Town, after thirty (30) days written notice to the other party of the occurrence or existence of a default of the franchise granted by this Ordinance, if the defaulting party fails to cure or commence good faith efforts to cure,

such default within sixty (60) days after delivery of such notice.

Notwithstanding the provisions of this Section, the terms and conditions of the franchise granted by this Ordinance pertaining to indemnification shall survive a termination under this Section.

ARTICLE XIV

SECTION 1401 REMOVAL OF FACILITIES FROM THE PUBLIC RIGHTS-OF-WAY

The Company shall remove all Facilities owned by the Company from the streets, alleys and public places of the Town at the expense of the Company within six (6) months after the termination, abandonment, or expiration of this franchise granted by this Ordinance, or by such reasonable time to be prescribed by the Town Council, whichever is later. No such removal will be required while any renewal requests as provided in Section 1102 and Section 1103 are pending before the Town. If such renewal request is denied, the six (6) month period provided above shall commence on the date of denial or expiration, whichever is later. The Town reserves the right to waive this requirement, as provided for in Section 1402 herein. The Town shall grant the Company access to the Public Rights-of-Way in order to remove its telecommunications Facilities owned by the Company pursuant to this paragraph.

SECTION 1402 ABANDONMENT OF FACILITIES OWNED BY THE COMPANY IN THE PUBLIC RIGHTS-OF-WAY

The telecommunications Facilities owned by the Company may be abandoned without removal upon request by the Company and approval by the Town. This Section survives the expiration or termination of this franchise granted by this Ordinance.

ARTICLE XV

SECTION 1501 PRIOR WRITTEN CONSENT FOR ASSIGNMENT

The franchise granted by this Ordinance shall not be assigned or transferred without the expressed written approval of the Town, which shall not be unreasonably or discriminatorily conditioned, withheld or delayed.

In addition, the Town agrees that nothing in this Ordinance shall be construed to require Company to obtain approval from the Town in order to lease any Facilities owned by the Company

or any portion thereof in, on, or above the PROW, or grant an indefeasible right of use ("IRU") in the Facilities owned by the Company, or any portion thereof, to any entity or person. The lease or grant of an IRU in such Facilities owned by the Company, or any portion or combination thereof, shall not be construed as the assignment or transfer of any franchise rights granted under this Ordinance.

SECTION 1502 SUCCESSORS AND ASSIGNS

Notwithstanding Section 1501, the Company may assign, transfer, or sublet its rights, without the consent of the Town, to any person or entity that controls, is controlled by or is under common control with the Company, any company or entity with which or into which the Company may merge or consolidate, to any lender of the Company provided the Town is advised of the action prior to enactment. Any successor(s) of the Company shall be entitled to all rights and privileges of this franchise granted by this Ordinance and shall be subject to all the provisions, obligations, stipulations and penalties herein prescribed.

ARTICLE XVI

SECTION 1601 NONEXCLUSIVE FRANCHISE

Nothing in the franchise granted by this Ordinance shall be construed to mean that this is an exclusive franchise, as the Town Council reserves the right to grant additional telecommunications franchises to other parties.

ARTICLE XVII

SECTION 1701 ALL WAIVERS IN WRITING AND EXECUTED BY THE PARTIES

Subject to the foregoing, any waiver of the franchise granted by this Ordinance or any of its provisions shall be effective and binding upon the Parties only if it is made in writing and duly signed by the Parties.

SECTION 1702 NO CONSTRUCTIVE WAIVER RECOGNIZED

If either Party fails to enforce any right or remedy available under the franchise granted by this Ordinance, that failure shall not be construed as a waiver of any right or remedy with respect to any breach or failure by the other Party. Nothing herein shall be construed as a waiver of any rights, privileges or obligations of the Town or the Company, nor constitute a waiver of any remedies available at equity or at law.

ARTICLE XVIII

SECTION 1801 NO DISCRIMINATION

The Company's rights, privileges and obligations under the franchise granted by this Ordinance shall be no less favorable than those granted by the Town to and shall not be interpreted by the Town in a less favorable manner with respect to any other similarly situated entity or person or user of the Town's Public Rights-of-Way.

ARTICLE XIX

SECTION 1901 FORCE MAJEURE

Neither the Company nor the Town shall be liable for any delay or failure in performance of any part of the franchise granted by this Ordinance from any cause beyond its control and without its fault or negligence including, without limitation, acts of nature, acts of civil or military authority, government regulations embargoes, epidemics, terrorist acts, riots insurrections, fires, explosions, earthquakes, nuclear accidents, floods, work stoppages, equipment failure, power blackouts, volcanic action, other major environmental disturbances, or unusually severe weather conditions.

ARTICLE XX

SECTION 2001 EFFECTIVE DATE

This ordinance shall be in full force and effect as of the date of its adoption.

Adopted this _____ day of _____, 2016.

Presiding:

Ayes:

Nays:

APPROVED:

Mayor

ATTEST:

Clerk

Approved as to form:

Town Attorney

ITEM(S) TO BE CONSIDERED UNDER:

- Hearing of Citizens**
 Consent Item
 Old Business
 New Business
 Committee Report
 Other

FOR COUNCIL MEETING DATED:	February 8, 2016
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STAFF MAKING REQUEST:	Timothy Burton - Town of Rocky Mount WWTP
BRIEF SUMMARY OF REQUEST:	<p>The Rocky Mount WWTP request approval to make available a 2016 intern position for a person that is participating in Environmental Science studies at Ferrum College. Council authorized such an intern in 2012 - 2015 and stated that any future extension of the intern program would need to be considered by Council.</p> <p>The funds for this position have already been placed in the current budget. The total cost of a Ferrum College intern is less than \$5,000. 2014 year's intern was from Ferrum College and worked a total of 400 hours (this is a minimum to receive credit for the internship) during the summer for the Town. The Town reaped many benefits from participating in the program. A major benefit of having an intern is providing coverage during vacations, sick leave and during periods of heavy workloads for the wastewater plant and the water plant if needed. While an intern receives valuable training, it also helped our full time staff stay up to date and sharp on their skills. An intern would allow the wastewater staff to do more inflow/infiltration and video work on the Town's sewer lines.</p>
ACTION NEEDED:	To allow the WWTP to hire an intern in 2016 that is participating in Environmental Science studies at Ferrum College and under the same conditions of employment as in the past years

<p>FOLLOW-UP ACTION: (To be completed by Town Clerk)</p>
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ITEM(S) TO BE CONSIDERED UNDER:

- Hearing of Citizens** **Consent Item** **Old Business** **New Business**
 Committee Report **Other**

FOR COUNCIL MEETING DATED:	February 1, 2016
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STAFF MAKING REQUEST:	C. James Ervin, Town Manager Tim Burton, Wastewater Superintendent Linda Woody, Finance Director
BRIEF SUMMARY OF REQUEST:	One of the three main pumps at the wastewater Main Pump Station unexpectedly failed and has been sent for a major rebuild costing approximately \$18,000. All budgeted contingency for the utility capital projects fund has been exhausted. Therefore, funding must come from the fund balance.
ACTION NEEDED:	Appropriate the funding needed for the necessary repair.

Attachment(s):

FOLLOW-UP ACTION: (To be completed by Town Clerk)
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RESOLUTION NO.: 2016.002

**TOWN OF ROCKY MOUNT
SUPPLEMENTAL APPROPRIATION RESOLUTION
FOR THE FISCAL YEAR ENDING JUNE 30, 2016**

WHEREAS, the Town Council of Rocky Mount approved a budget for the fiscal year beginning July 1, 2015 through June 30, 2016, hereafter known as FY 2016; and

WHEREAS, one of the three main pumps at the Main Pump Station for wastewater unexpectedly failed and has been sent for a major rebuild,

NOW, THEREFORE, BE IT RESOLVED, that the Town Council of Rocky Mount does hereby appropriate the following supplemental adjustment for FY 2016:

Account 05.6006.0000.0000.7004 (wastewater small capital)	\$18,000
Account 05.4100.9999 (appropriated fund balance)	\$18,000

This resolution shall become effective immediately upon its adoption.

TOWN OF ROCKY MOUNT, VIRGINIA
GIVEN UNDER MY HAND, THIS 8TH DAY OF FEBRUARY 2016:

Steven C. Angle, Mayor

ATTESTED:

Rebecca H. Dillon, Acting Town Clerk