

TAB 3



City of Palmetto Agenda Item

Meeting Date

11/21/11

Presenter: Lorraine Lyn **Department:** Planning

Title:

NextG proposals within the City of Palmetto

- 40' wood pole with small antenna in public R-O-W on 13th Street W, east of 8th Avenue W
- Fiber optic lines from antenna on Bayshore Rd (county) to pole on 13th St. W to cell tower at 3rd Ave & 9th St W.

NextG is a next-generation communications company that provides telecommunication services to wireless operators via fiber optic lines connecting antennas located on utility and/or street light poles to a central switching-like location, and from there, either back to another antenna or out to the public switched telephone network or internet. Their objective is to improve network coverage and/or capacity and call quality in a manner which does not involve the construction of traditional macro sites, such as towers or monopoles.

Within the City limits, NextG is proposing one 40' wooden pole with a small antenna within the public R-O-W along 13th Street W, east of 8th Avenue. NextG is also proposing to run fiber optic lines south along Bayshore Road, west along 17th Street W, south along 8th Avenue W, east along 12th Street W, south along 3rd Avenue W to the existing cell tower (owned by Pinnacle Towers Inc. located at the SE corner of 3rd Avenue and 9th Street W. (See attached map) NextG's timeframe is to be operational by April, 2012. A City R-O-W permit is required for NextG's proposals within the City.

NextG believes that critical areas can be covered by using optical fiber to connect a distributed antenna system (DAS) network of microcellular node sites, consisting of small antennas and optical repeaters, typically attached to utility poles and/or equipment pedestals in the public way. Such distributive antenna systems generally are intended to supplement, rather than supplant macro sites within carriers' networks in areas where such sites cannot adequately reach or serve or when siting new macro facilities may prove to be impractical.

The advantages of NextG and DAS is that deployment is not premised on the construction of new towers or monopoles which is often a controversial issue within jurisdictions. Visually unobtrusive, the equipment is small, concealed and easy to install and maintain. Improved cellular capacity and/or coverage and expanded service offerings including emerging broadband technologies are provided without public investment or environmental impact.

Budgeted Amount: \$0.00 **Budget Page No(s):** **Available Amount:** \$0.00 **Expenditure Amount:** \$0.00

Additional Budgetary Information:

Funding Source(s): **Sufficient Funds Available:** Yes No **Budget Amendment Required:** Yes No **Source:**

City Attorney Reviewed: Yes No N/A **Advisory Board Recommendation:** For Against N/A **Consistent With:** Yes No N/A **Palmetto 2030 Comprehensive Plan**

Potential Motion/Direction Requested: This is an informational item. No action is required.

Staff Contact: Lorraine Lyn City Planner 723-4580 Ext. 2135

Attachments: Staff Development Review Meeting Minutes of September 27, 2011
Map of Memphis, FL DAS

City of Palmetto
Staff Development Review
Meeting Minutes
September 27, 2011

PRESENT

1. Allen Tusing, Public Works Director
 2. Geoff Seger, Deputy Director of Parks
 3. Scott Martin, Superintendent of Utilities
 4. John Foley LFK
 5. Lorraine Lyn, City Planner
 6. Neal Mazzei, Building Official
 7. Ron Cales, Fire Marshall, NFRD
 8. Matt Bloome, Stormwater
 9. Linda Butler, Planning Tech
- Armando Hernandez, AW Solutions, Inc. (NextG Networks)
Tim McCullough, AW Solutions, Inc (NextG Network)

DISCUSSION:

- a. Proposed cell phone antennas in public R-O-W, Timothy McCullough, Armando Hernandez

Mr. Hernandez stated NextG is a next-generation communications company that provides telecommunication services to wireless operators via fiber optic lines connecting antennas located on utility and/or street light poles to a central switching-like location, and from there, either back to another antenna or out to the public switched telephone network or internet. Visually unobtrusive, the equipment is small, concealed, and easy to install and maintain. There is one pole with a small antenna proposed in Palmetto. The proposed location is on 13th Street, west of 8th Avenue.

Mr. Tusing inquired how Manatee County handles the antennas in the R-O-W. Mr. Hernandez stated they have not had a problem with Manatee County.

Mr. Rudacille requested information on the right to be in the R-O-W.

Mr. Tusing asked what is the target date for getting started. Mr. Hernandez stated they want to get started sometime in October and operational by April, 2012. Mr. Hernandez also stated they will have someone to locate and collect FDOT R-O-W maps and utility maps.

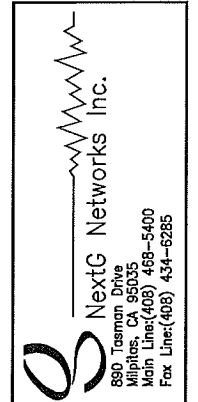
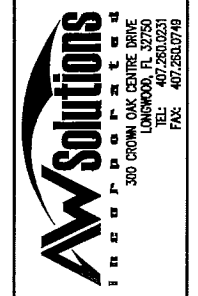
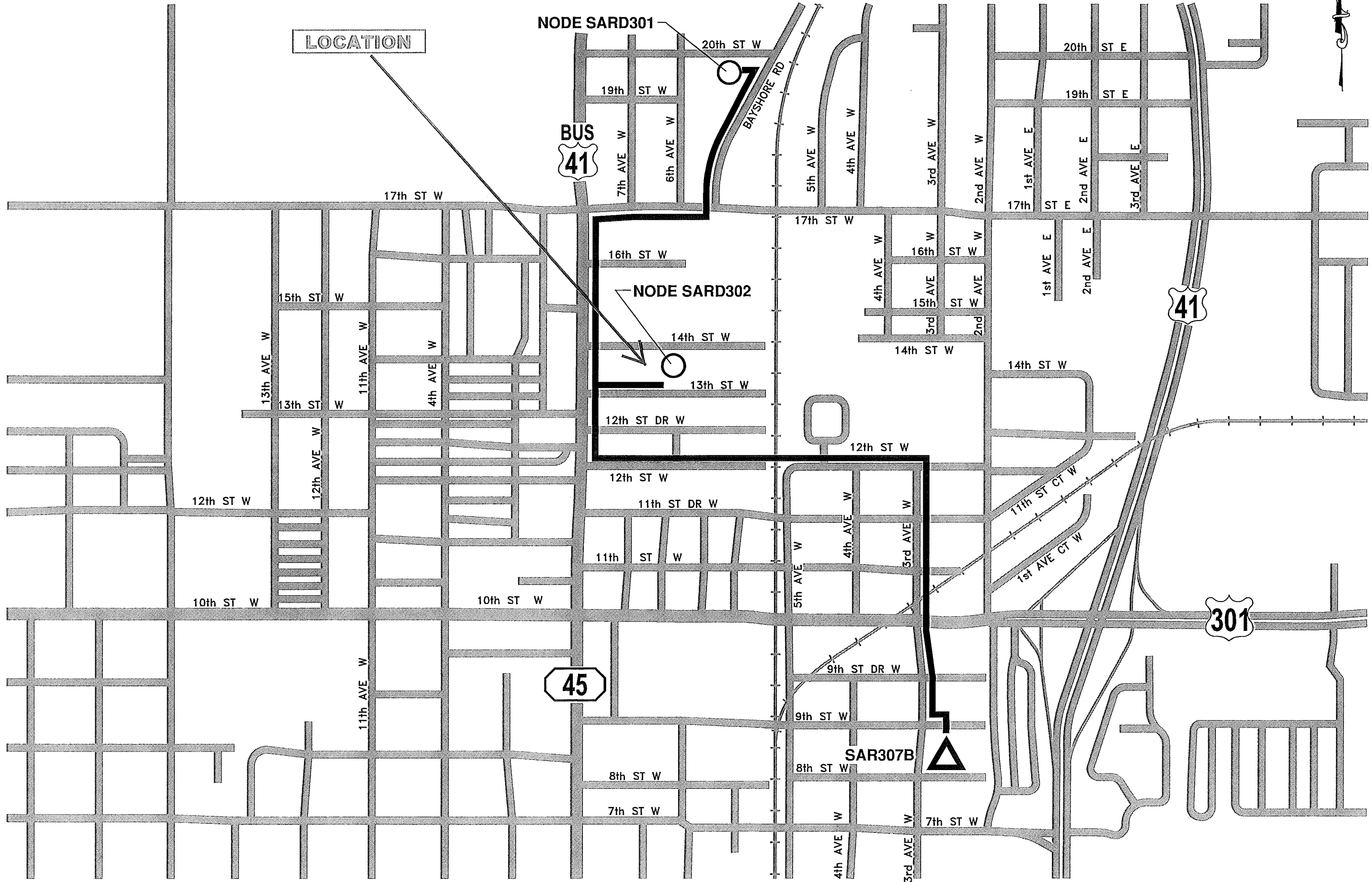
Ms. Lyn asked whether the neighbors in the area in which the service is being installed will be notified. Mr. Hernandez stated that they have notified property owners within a 150 ft radius at another location.

Mr. Tusing stated the conduit and fiber optic can be done under the R-O-W Use Permit. The antennas will have to be reviewed by the legal counsel.

Mr. Hernandez asked if 1 permit can be pulled for all locations. Mr. Tusing stated yes, but FDOT permits will still be required.

MEMPHIS, FL DAS

SAR307B



REV	DATE	DESCRIPTION
0	9/19/11	PERMIT ISSUE

SAR307B
 MEMPHIS, FL. - MANATEE COUNTY
 MEMPHIS DAS
 DETAILED CONSTRUCTION
 COVER

DESIGNED	DATE
JF	9/8/11
DRAWN	SL
CHECKED	MF
	9/16/11

JOB NO.
N/A

01
SHEET 01 OF 24