



**VILLAGE COUNCIL
AGENDA FOR SPECIAL MEETING OF APRIL 13, 2017
395 MAGNOLIA ROAD
ASSEMBLY HALL
PINEHURST, NORTH CAROLINA**

PUBLIC MEETING ON LAKE PINEHURST SIDEWALKS AND STREET LIGHTS

7:00 P.M.

1. Call to Order.
2. Present Results of Lake Pinehurst Survey on Sidewalks and Street Lights and Discuss Projects.
3. Adjournment.

Vision: The Village of Pinehurst is a charming, vibrant community which reflects our rich history and traditions.

Mission: Promote, enhance, and sustain the quality of life for residents, businesses, and visitors.

Values: Competent, Courteous, Professional, and Responsive.



**PRESENT RESULTS OF LAKE PINEHURST SURVEY ON SIDEWALKS
AND STREET LIGHTS AND DISCUSS PROJECTS.
ADDITIONAL AGENDA DETAILS:**

FROM:

Jeff Sanborn

CC:

Jeff Batton, Natalie Dean

DATE OF MEMO:

4/7/2017

MEMO DETAILS:

Attached is the presentation of results for the Lake Pinehurst neighborhood survey on sidewalks and street lighting.

ATTACHMENTS:

Description

▣ Lake Pinehurst Public Input Mtg Presentation

Public Input Meeting

April 13, 2017

Lake Pinehurst Sidewalks & Street Lights



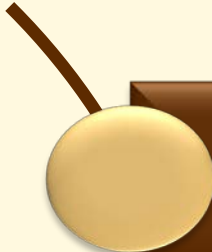
Agenda



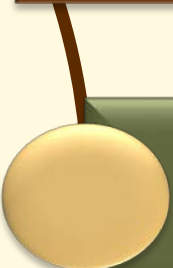
1. Survey results
2. Proposed sidewalk project
3. Proposed street lighting
4. Comments from attendees
5. Input on street lighting density



Why Sidewalks and Street Lights?

A decorative vertical line with a brown gradient, featuring three yellow circular nodes. The top node is positioned to the left of the first text box.

Consistent *high levels of dissatisfaction* with the availability of sidewalks and street lighting in annual Community Survey (Above 40% dissatisfaction)

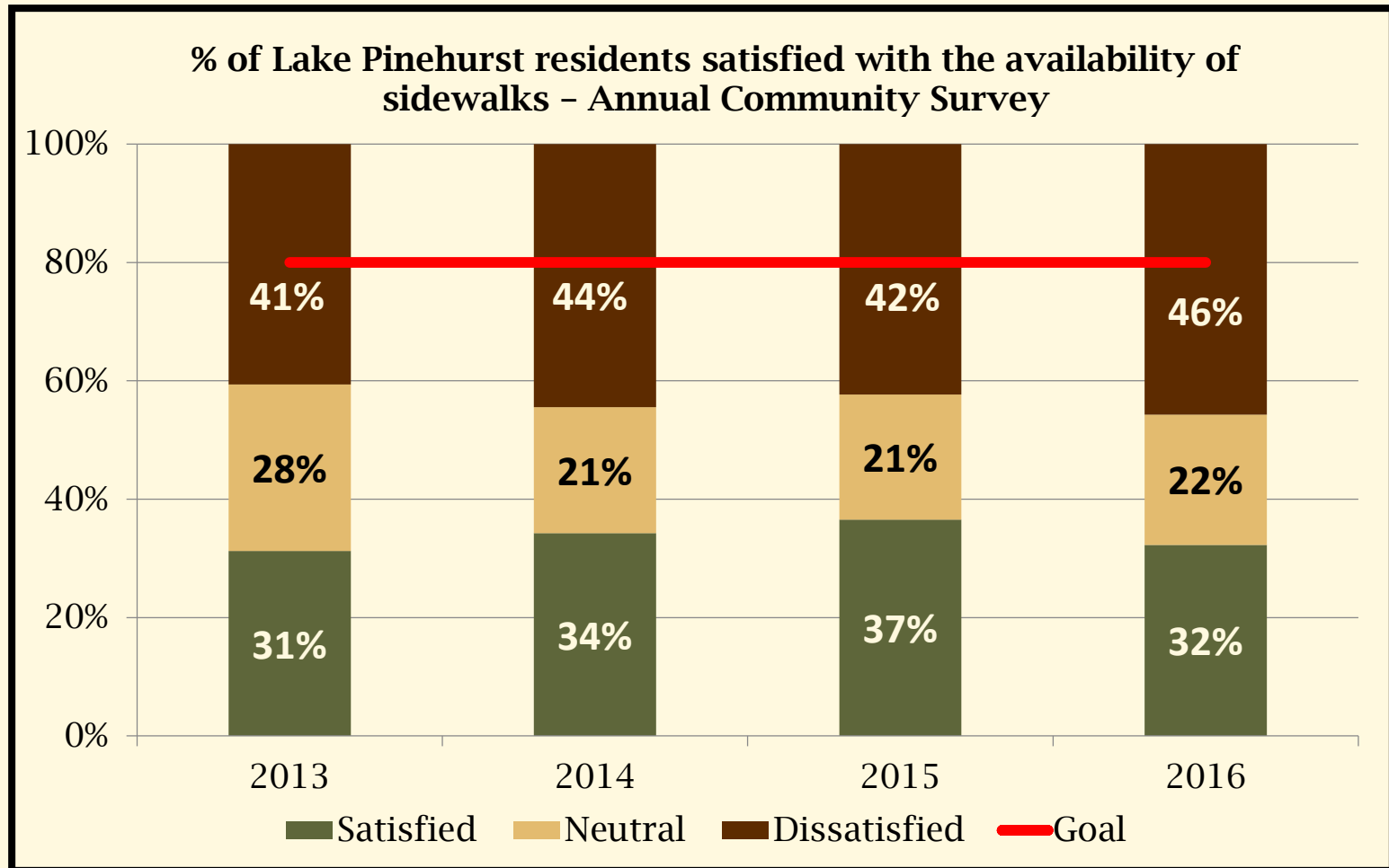
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Residents' *TOP two priorities for Village capital improvements (Sidewalks #1, Streetlights #2)*

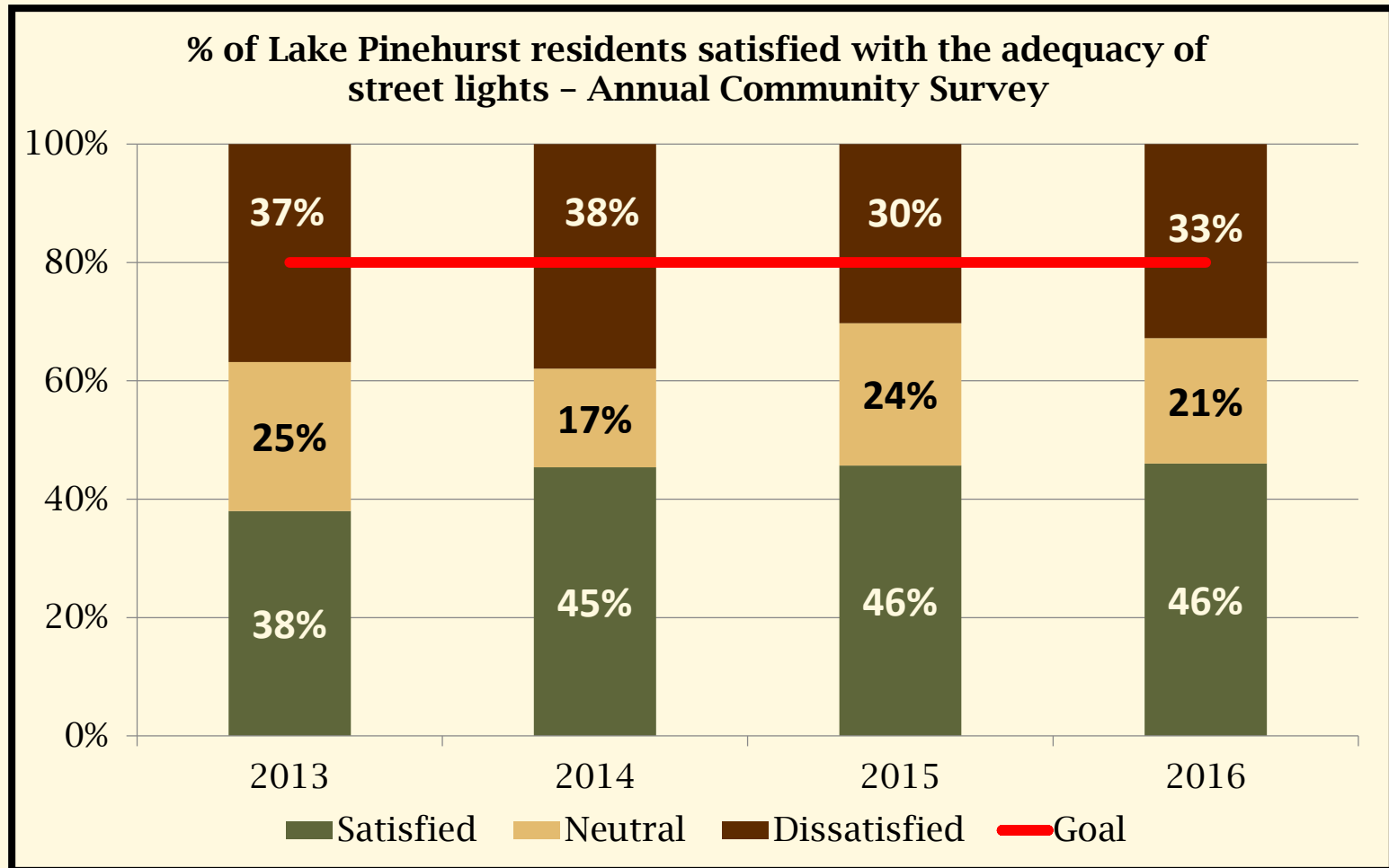
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Open Village Hall topic indicated sidewalks and street lighting were *2 of the top 5 actions the Village can take to improve the quality of neighborhoods*

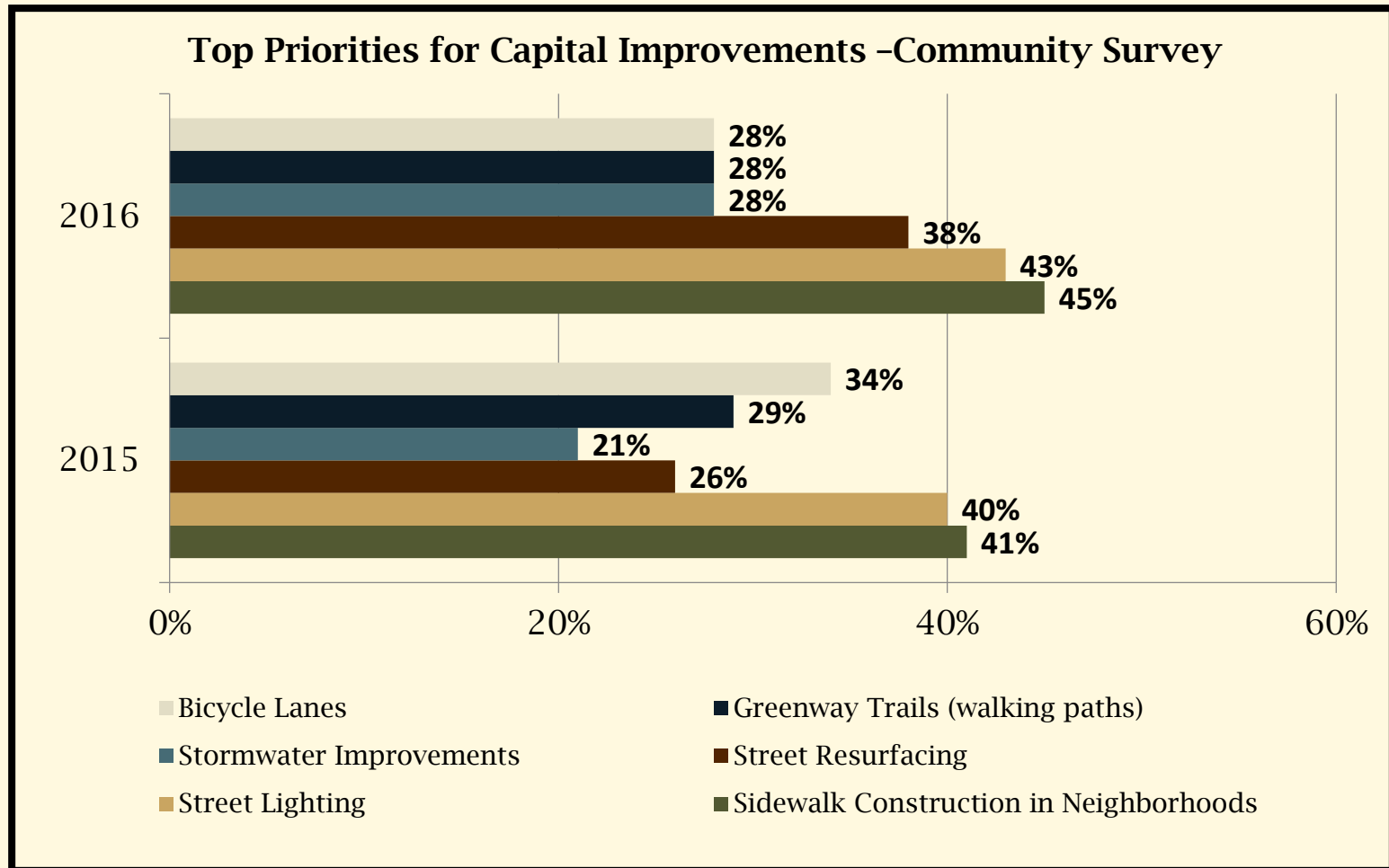
Satisfaction with Availability of Sidewalks – Annual Community Survey



Satisfaction with Street Lighting – Annual Community Survey



Resident Top 6 Priorities for Capital Improvements – Annual Community Survey



OVH Topic Quality of Neighborhoods



- In December 2015, posted Open Village Hall topic on Quality of Neighborhoods
- Top 5 Actions the Village can take to improve the quality of your neighborhood were:
 1. Enforce Village codes
 2. ***Provide neighborhood sidewalks***
 3. Maintain neighborhood streets & striping at a higher level
 4. ***Increase street lighting***
 5. Providing neighborhood bicycle lanes and paths

March 2017
Lake Pinehurst Survey
On Sidewalks and Street Lights

Lake Pinehurst Survey on Sidewalks & Street Lights



- Mailed 2 versions of the survey:
 1. Residents who live on ***FY 18 proposed sidewalk segments*** on St. Andrews Dr. & Lake Forest Dr.
 2. All other Lake Pinehurst residents
- Results have 3% +/- margin of error with a 99% confidence level

Lake Pinehurst Survey on Sidewalks & Streetlights

Please take a few minutes to complete and return this survey OR complete it online at www.lakepinehurst.org/sidewalks by March 26, 2017. If you have questions, please contact Jeff Smith, Assistant Village Manager at (919) 522-1000 or at jsmith@lakepinehurst.org.

1. **SIDEWALKS & STREET LIGHTING SATISFACTION** Please indicate your satisfaction with sidewalk & street lights in your neighborhood as shown on this scale where 1 = "Very Dissatisfied" and 5 = "Very Satisfied."

	Very Dissatisfied	Dissatisfied	Neutral	Satisfied	Very Satisfied
A. Adequacy of sidewalk in Lake Pinehurst	5	4	3	2	1
B. Adequacy of street lighting in Lake Pinehurst	5	4	3	2	1

2. **SIDEWALKS ON MAIN THOROUGHFARES** Please indicate how well you believe the sidewalk meets your needs on the main thoroughfares in Lake Pinehurst. (Circle the appropriate number.)

Would you be likely to use?	Yes	No
A. St. Andrews Dr.	1	2
B. Lake Forest Dr.	1	2
C. Darity, Terrific	1	2
D. Pineville Drive	1	2
E. Commercial Dr.	1	2
F. Lake Forest	1	2
G. Doge Lane	1	2

3. **FEELING OF SAFETY WALKING IN YOUR NEIGHBORHOOD AT NIGHT** Thinking about personal safety, choose the one which is the "most" apparent way for you to improve your feeling of safety at night by making one or more changes to the street or neighborhood.

____ (1) Better lighting
 ____ (2) Better signage
 ____ (3) Better sidewalk & street lighting
 ____ (4) None of the above

4. **PREFERRED LIGHT FOR PUBLIC BUILDINGS** When you see the day would be better to see, choose the most preferred lighting for public buildings.

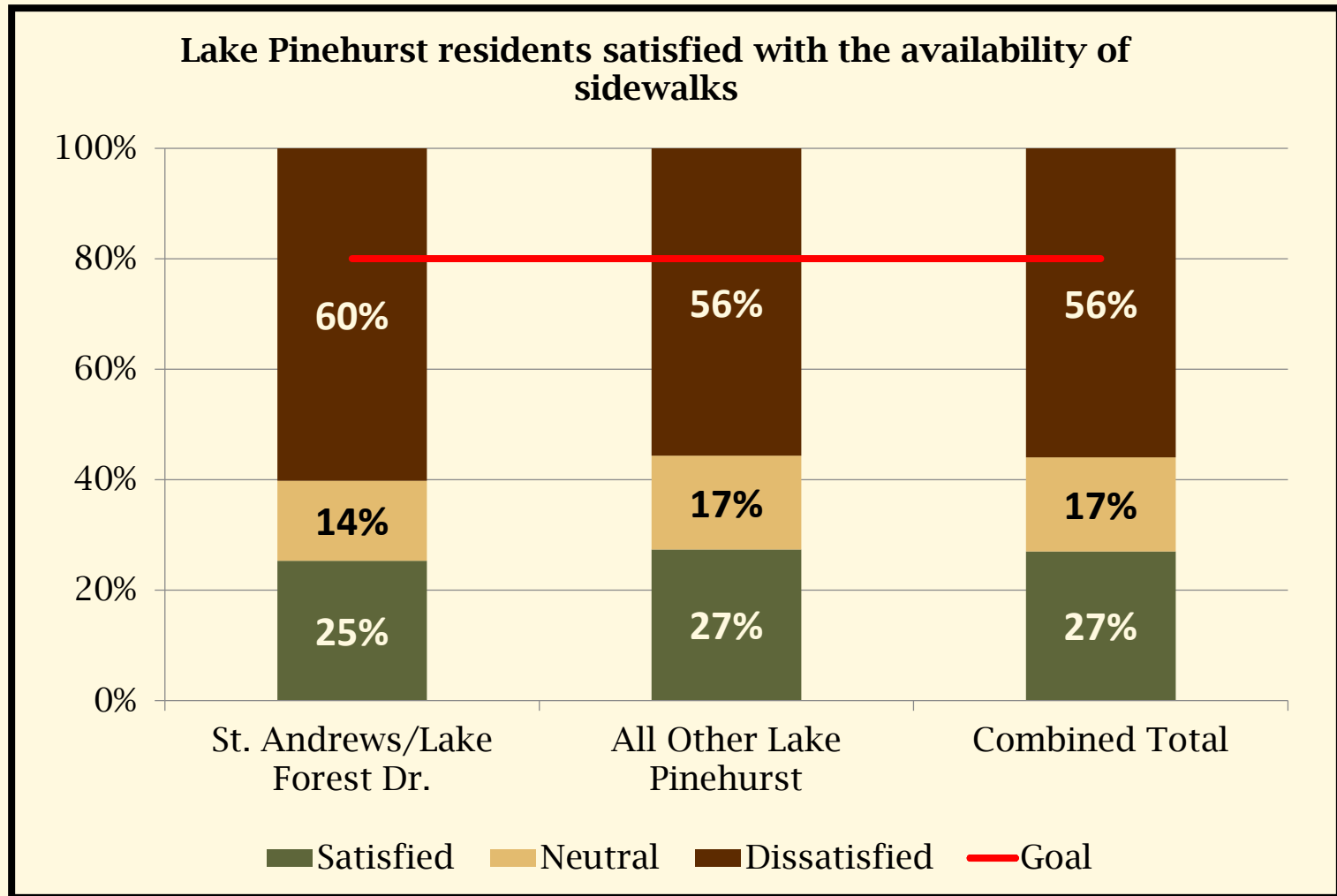
____ (1) LED lights
 ____ (2) Fluorescent
 ____ (3) Incandescent
 ____ (4) None of the above

5. **OTHER COMMENTS**

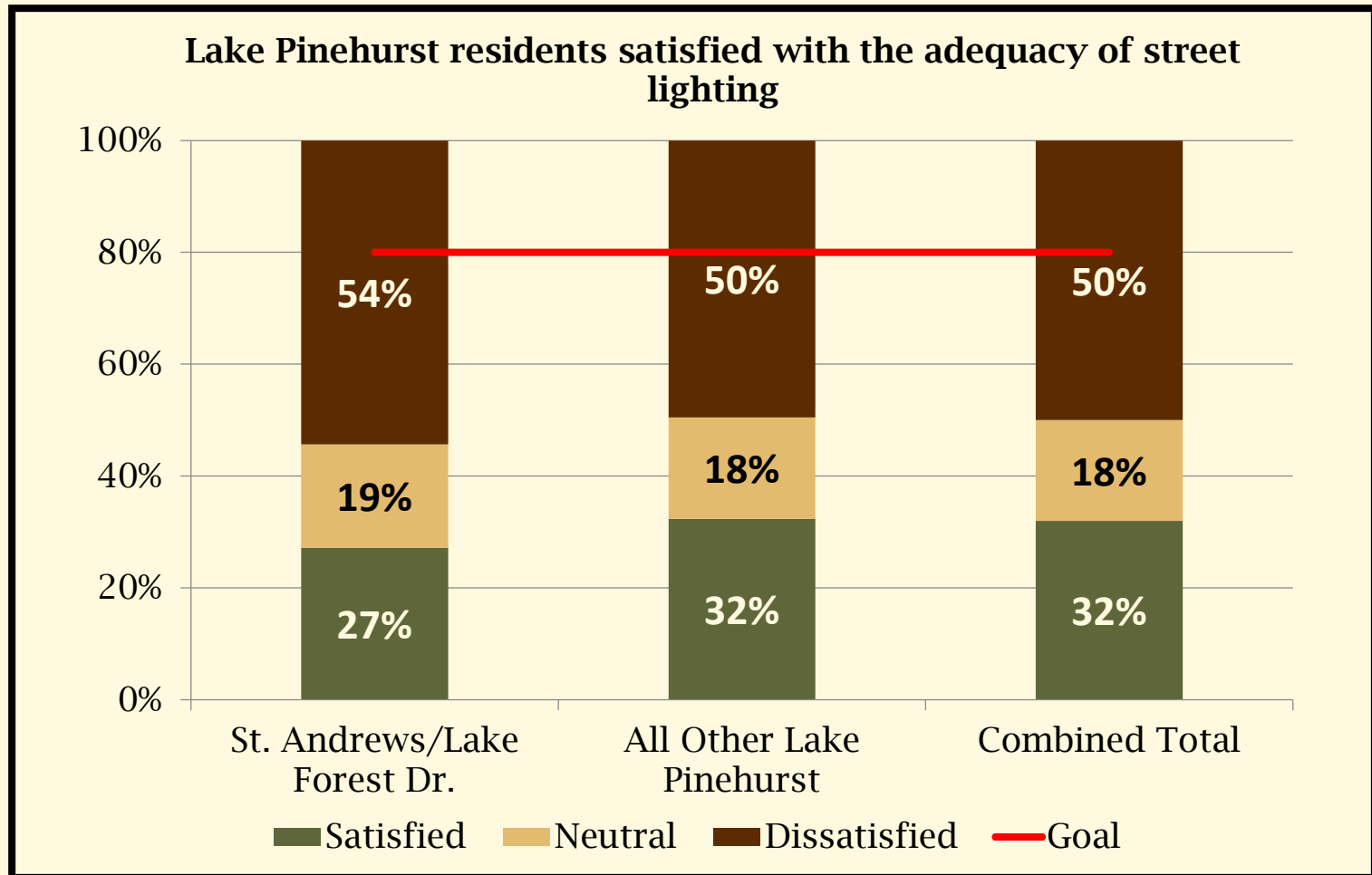
This concludes the survey. Thank you for your time!
 Jeff Smith, Assistant Village Manager (919) 522-1000 or at jsmith@lakepinehurst.org
 The Office of Village Manager, Lake Pinehurst, NC 28119

Lake Pinehurst Surveys	# of Responses	# of Surveys Mailed	Response Rate
St. Andrews Dr. /Lake Forrest Dr.	96	106	91%
All other Lake Pinehurst	844	2,630	32%
Total	940	2,736	34%

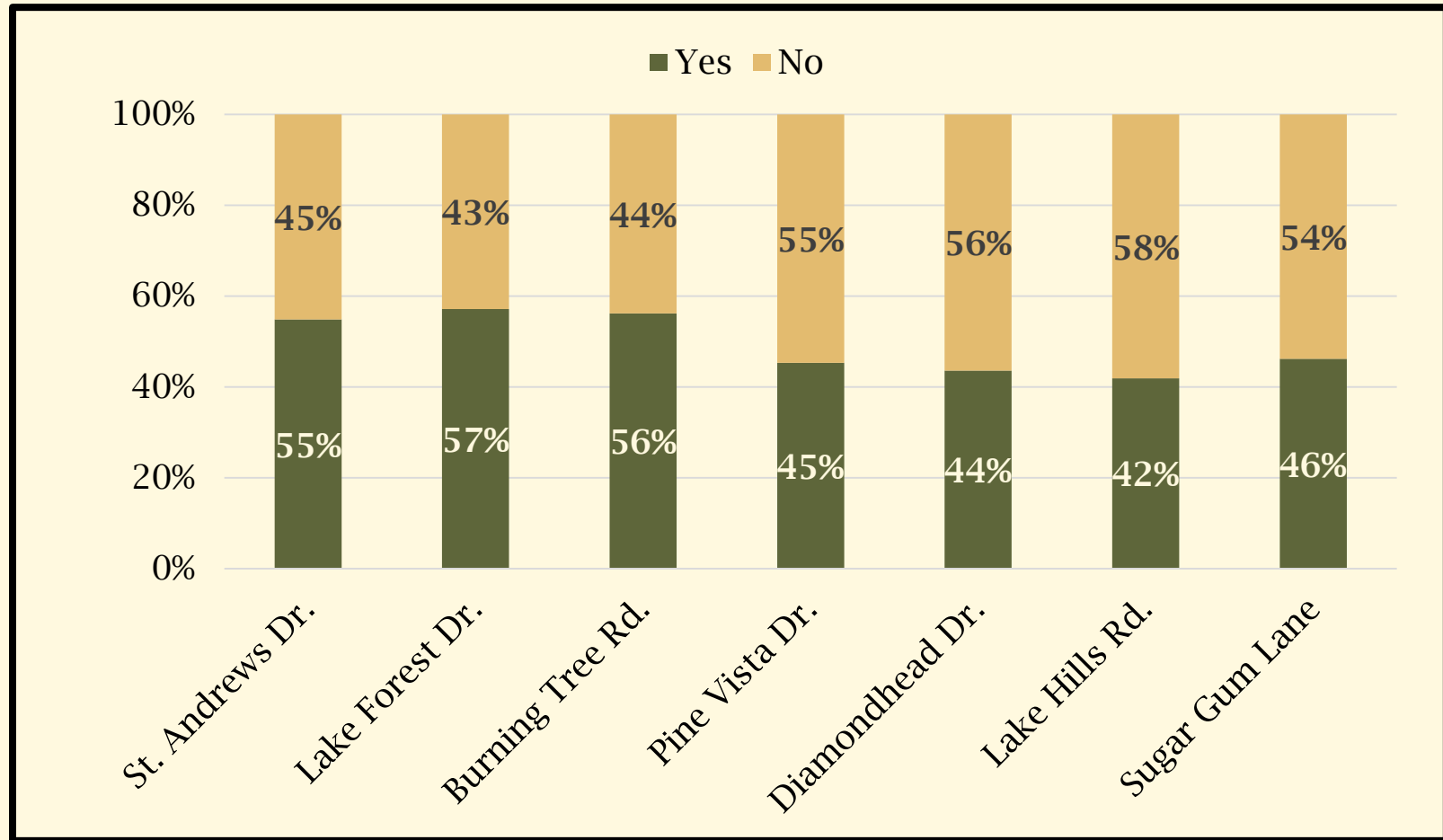
Satisfaction with Sidewalks – March 2017 Survey



Satisfaction with Street Lighting – March 2017 Survey

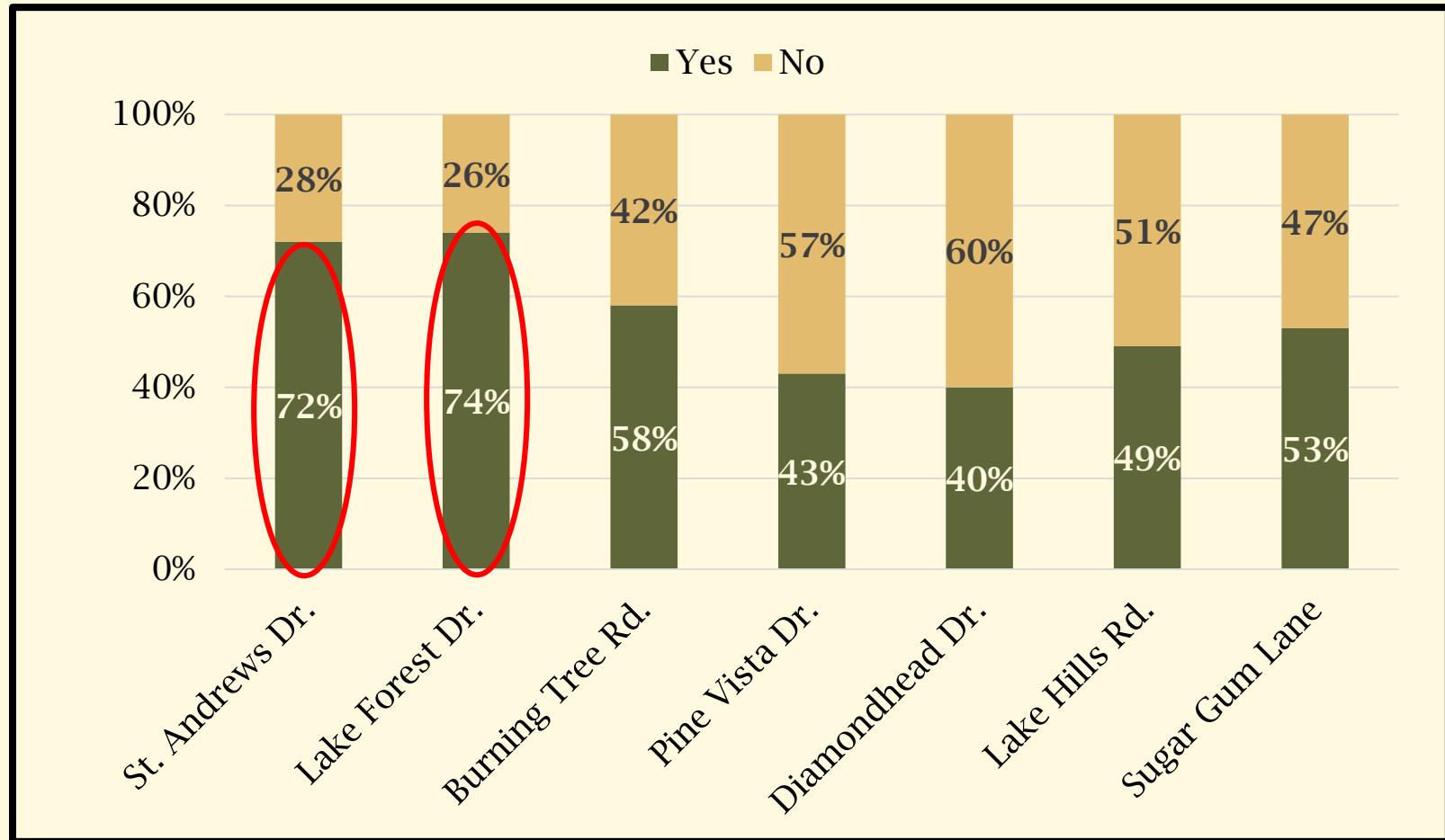


Likelihood of Using Sidewalks on Main Thoroughfares - March 2017 Survey



ALL Lake Pinehurst respondents

Likelihood of Using Sidewalks on Main Thoroughfares - March 2017 Survey



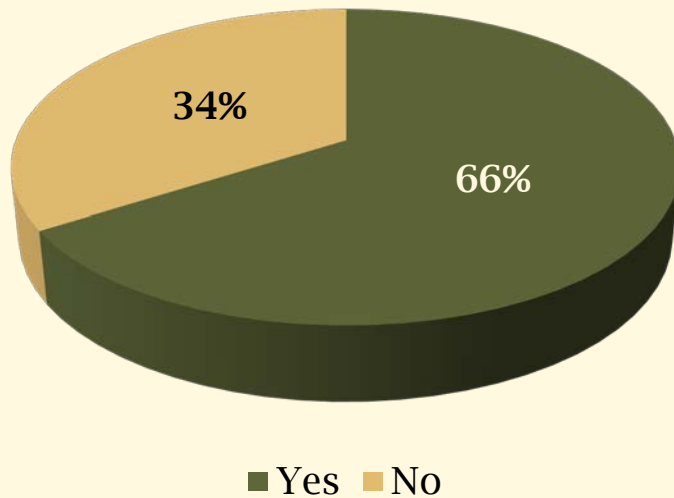
Residents who live on FY18 proposed sidewalk segments on St. Andrews Dr. and Lake Forest Dr.

Support for Concrete Sidewalks on St. Andrews and Lake Forest Drives

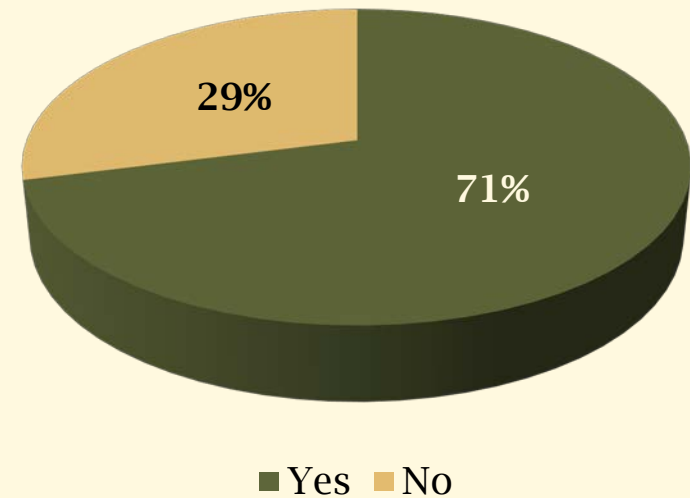
March 2017 Survey



Support for a Concrete Sidewalk on
Your Side of the Street



Support for a Concrete Sidewalk on
the Other Side of the Street



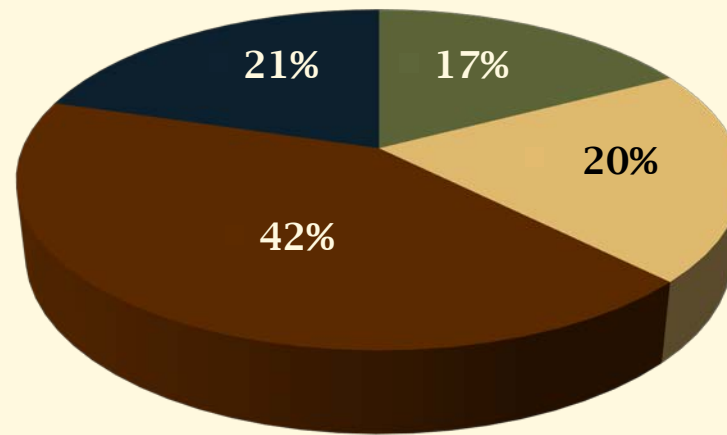
*Residents who live on FY18 proposed sidewalk segments on
St. Andrews Dr. and Lake Forest Dr.*

Support for Concrete Sidewalks on St. Andrews and Lake Forest Drives

March 2017 Survey



How can the Village enhance the feeling of safety while walking in your neighborhood at night?
(All Respondents)



- Build Sidewalks
- Add Street Lighting
- Build Sidewalks & Add Street Lighting
- Do Nothing



Other Comments – March 2017 Survey

Received over 470 comments. Major themes include:

– In Support of:

- Prefer street lighting at intersections and street signs
- Sidewalks are needed in order to walk dogs and children safely (day or night)
- Will improve property values
- Interest in sidewalks around the entire lake (Burning Tree, Diamondhead, Sugar Gum, and rest of St. Andrews)

– Opposed:

- Sidewalks will ruin the charm of the Village and destroy landscaping
- Concerned about privacy and security with people in their yards
- Concerned about light pollution and bright lights
- Will diminish property values



Other Comments – March 2017 Survey

Received over 470 comments. Major themes include:

– Other:

- Want increased enforcement of speed limits in neighborhood
- Consider extending the road with a bike lane instead of adding sidewalks
- Some preferred materials other than concrete (gravel, sand, brick, stained concrete)
- Want to see their roads paved
- Want to see other traffic improvements in Village (Hwy 5, traffic circle, etc.)



Summary – March 2017 Survey

- 99% confidence level that results are representative with a +/- 3% margin of error
- ***Survey results indicate resident desires for sidewalks and streetlights:***
 - 56% dissatisfaction with availability of sidewalks
 - 50% dissatisfaction with streetlights
 - Nearly 80% of respondents indicate sidewalks and/or streetlights would enhance feeling of safety with walking in the neighborhood at night
 - Of those dissatisfied, over 95% support adding sidewalks and/or streetlights
 - Approximately 2/3 of residents surveyed on St. Andrews Dr. and Lake Forest Dr. support a sidewalk on their side of the street. Slightly more support a sidewalk on the other side of the street.

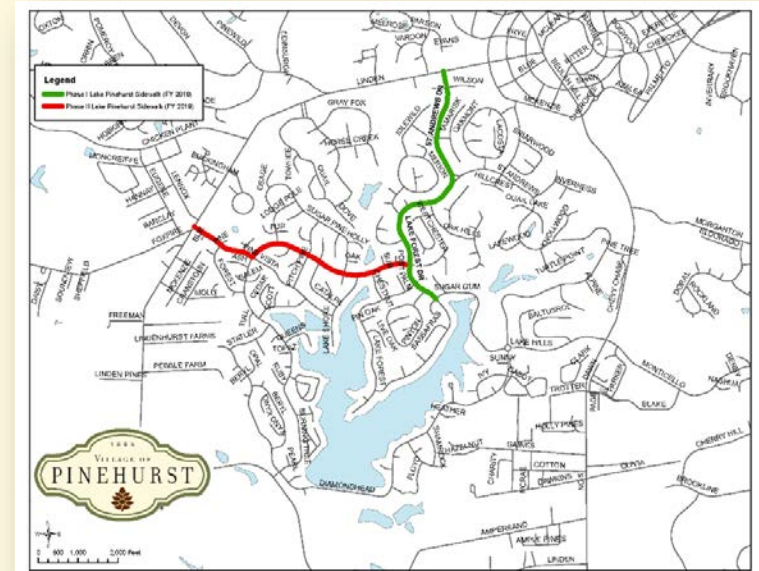
St. Andrews and Lake Forest Drive
Proposed FY 2018
Sidewalk Project

St. Andrews & Lake Forest Drives Sidewalk Project



We will cover five topics:

1. Comprehensive Pedestrian Plan
2. Project description
3. Proposed location
4. Project timeline
5. Resident expectations



St. Andrews & Lake Forest Drives Sidewalk Project

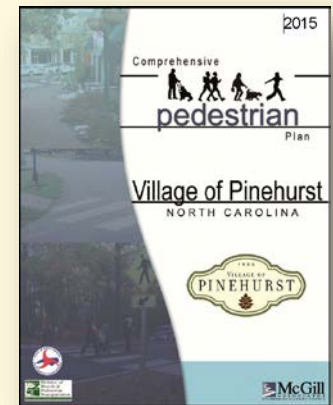


Comprehensive Pedestrian Plan:

- Adopted by Council in 2015 to serve as a **guide** to pedestrian mobility improvements

Sidewalks in Neighborhoods:

- Focus on major residential collector roads
- Enhance connectivity within neighborhoods and to existing trails and sidewalks in the Village
- Enhance pedestrian safety
- Addressing a fraction of Village collector roads in each neighborhood over the next several years

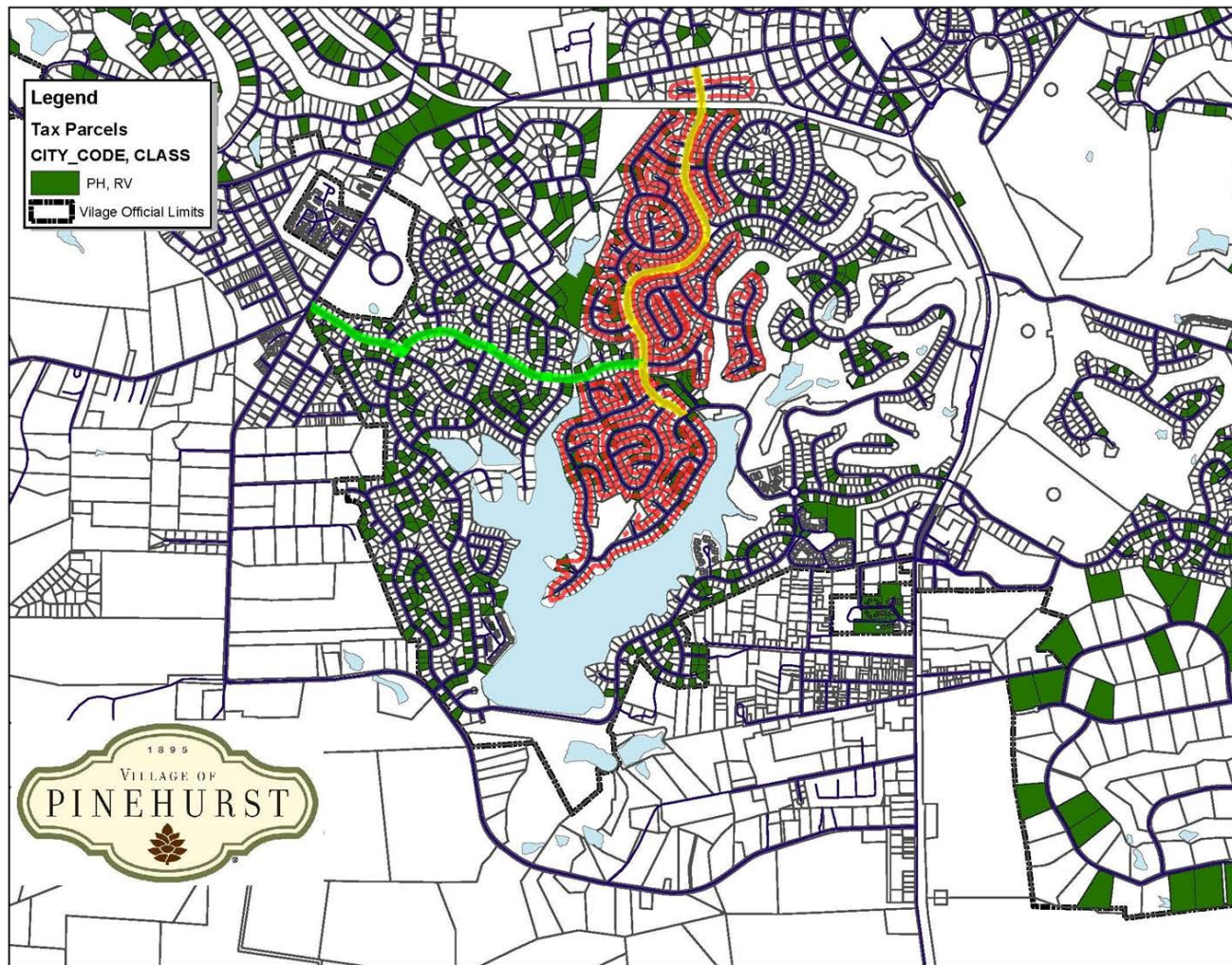


St. Andrews & Lake Forest Drives Sidewalk Project – Project Description



- Proposed 2-year concrete sidewalk construction project in Village right of way:
 1. Year 1 (July 2017 – June 2018)
 - 1.34 miles – St. Andrews Dr. & Lake Forest Dr.
 2. Year 2 (July 2018 – June 2019)
 - 1.12 miles – Burning Tree Rd & Pine Vista Dr.
- Selected for the following primary reasons:
 - To serve the greatest number of developed lots in the neighborhood
 - To aid with interconnectivity to greenway trail system on Linden Road

St. Andrews & Lake Forest Drives Sidewalk Project – Project Description

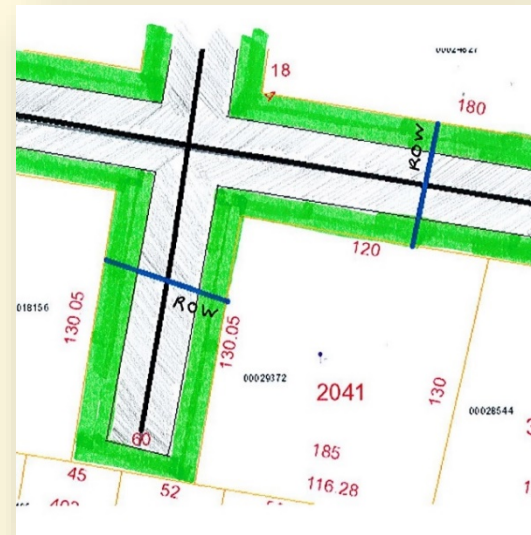


St. Andrews & Lake Forest Drives Sidewalk Project – Project Timeline



What to expect with sidewalk construction:

- Resources/information on www.vopnc.org/sidewalks (construction drawings, maps, timeline, etc.)
- Construction will occur in the Village-owned right-of-way (30 feet from the center line of the road)
- Will mail property owners notice at least 30 days prior to construction to allow time to relocate any landscaping



Street Lighting in Lake Pinehurst

Street Lighting in Lake Pinehurst

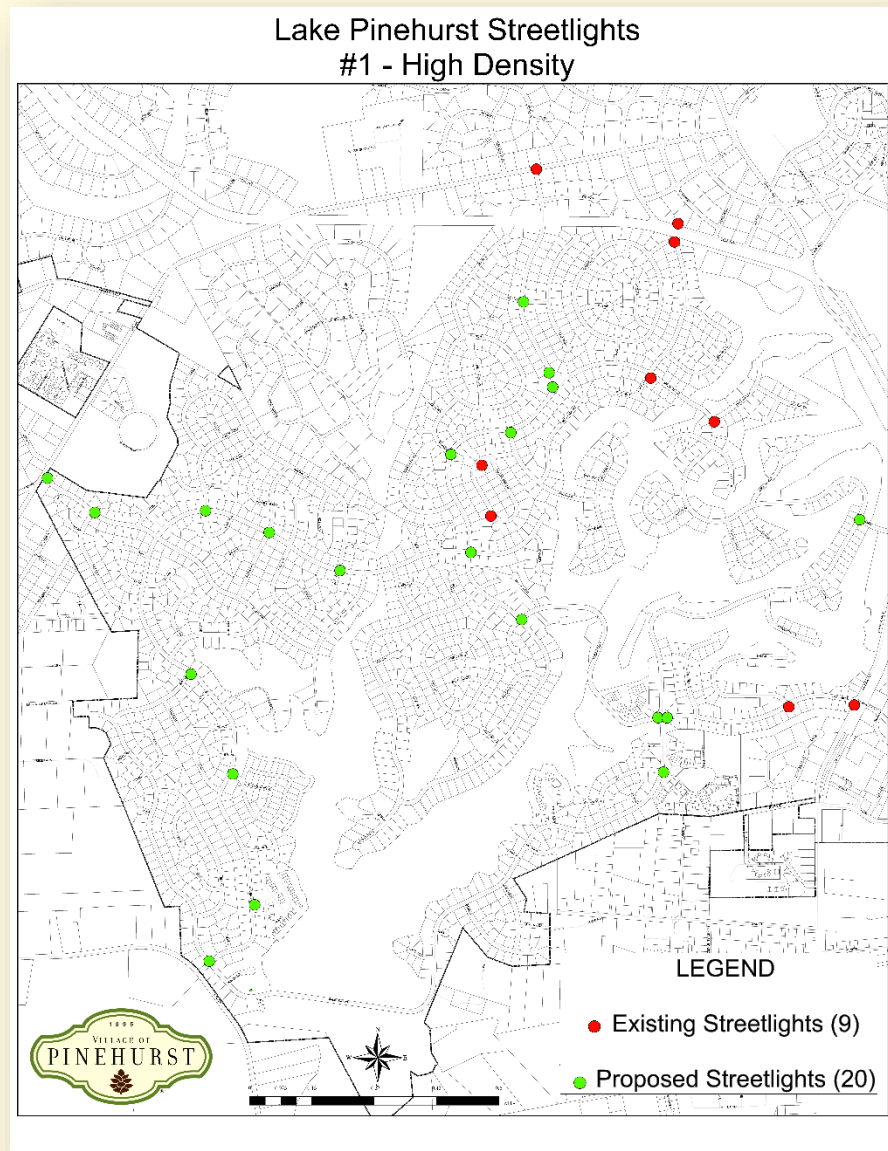


- Street lighting policy:
 - Shall be minimal in quantity, mounted on wooden poles at approximately 25 feet and 50W LED in residential areas
 - Limited to no more than one light at intersections of 2-lane collector roads
 - Mid-block placement is discouraged, but is allowed with a minimum of 150 feet separation between poles
- Review options for street lights:
 - # 1 - High density
 - # 2 - Low density
 - # 3 - No change
- Please VOTE for your preferred density of street lighting

Street Lighting in Lake Pinehurst



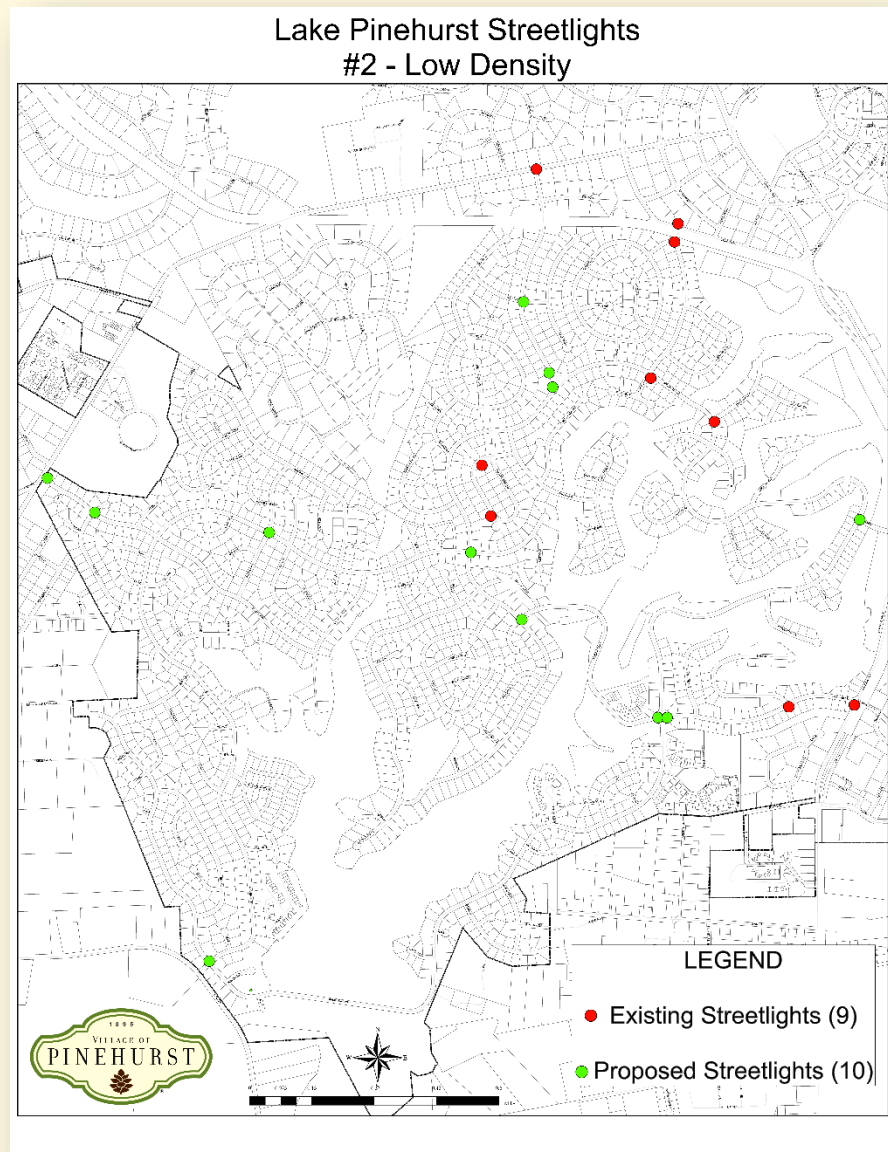
#1 – High Density



Street Lighting in Lake Pinehurst



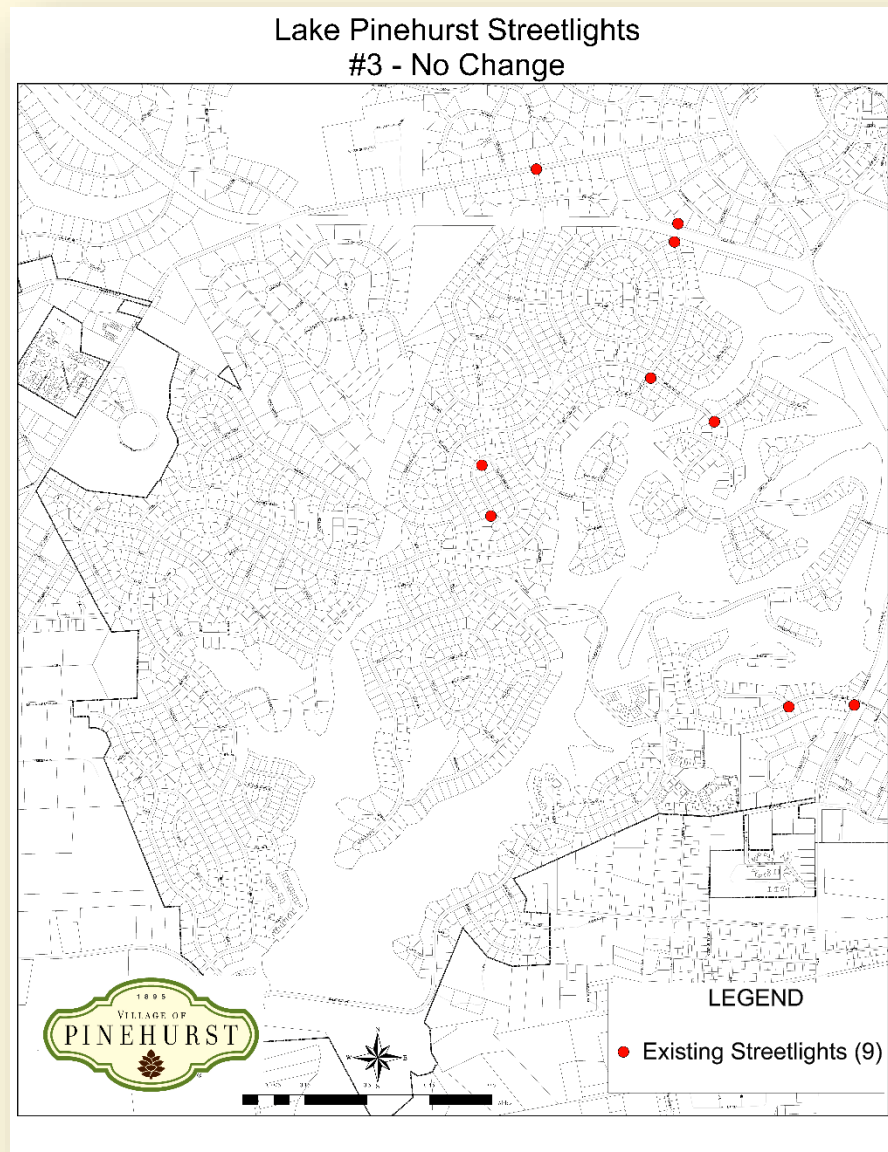
#2 – Low Density



Street Lighting in Lake Pinehurst



#3 - No Change



Summary

Lake Pinehurst Sidewalks & Street Lights - Summary



- This presentation is posted on the Village's website at www.vopnc.org/sidewalks
- Survey results indicate a desire for sidewalks and street lights:
 - 56% dissatisfaction with availability of sidewalks; 50% dissatisfaction with streetlights
 - Nearly 80% of respondents indicate sidewalks and/or streetlights would enhance feeling of safety with walking in the neighborhood at night
 - Of those dissatisfied, over 95% support adding sidewalks and/or streetlights
- Please VOTE for your preferred density of street lighting after the public comment period

Response to Common Comments/ Questions – March 2017 Survey



Question	Response
What is the cost of the project?	Sidewalks: \$433,000 (FY18)/\$400,000 (FY19) - budgeted Streetlights: \$6,500 for 20 lights - budgeted
What will it cost to maintain the sidewalks?	Sidewalks = 1 hour/week and \$1,000 in direct costs (assumes 20 year life) Streetlights = \$120/light per year or \$2,400 for 20 lights
Will you raise my taxes to pay for these projects?	No – Existing revenues will pay for these projects
Will sidewalks be on both sides of the road?	No – There will only be a sidewalk on one side of the road, but may need to cross to the other side with a pedestrian crossing and continue
How bright will the street lights be?	50 watt LED (ex: Lost Tree/St. Andrews)
Will bicycles and golf carts be allowed on the sidewalks?	Bicycles and strollers will be allowed, golf carts will not be allowed

Comments/Questions from Attendees