



Council Member to Report	Partners & Collaborators
John Strickland	Moore County Transportation Committee
	Neighborhood Advisory Committee
	Pinehurst Resort
Judy Davis	Tri-Cities Work Group (Pinehurst, So. Pines, Aberdeen)
	FirstHealth
	Moore County
Lydia Boesch	Pinehurst Business Partners
	Convention and Visitors Bureau
	Bicycle and Pedestrian Advisory Committee
Kevin Drum	Triangle J. COG
	Partners in Progress
Jane Hogeman	NCDOT/TARPO
	Beautification Committee
	Moore County Schools



**VILLAGE COUNCIL
MINUTES FOR REGULAR MEETING OF FEBRUARY 25, 2020
ASSEMBLY HALL
395 MAGNOLIA ROAD
PINEHURST, NORTH CAROLINA
4:30 PM**

The Pinehurst Village Council held a Regular Meeting at 4:30 p.m., Tuesday, February 25, 2020 in the Assembly Hall of Pinehurst Village Hall, 395 Magnolia Road, Pinehurst, North Carolina. The following were in attendance:

Mr. John C. Strickland, Mayor
Ms. Judy Davis, Mayor Pro Tem
Ms. Lydia Boesch, Councilmember
Mr. Kevin Drum, Councilmember
Ms. Jane Hogeman, Councilmember
Mr. Jeffrey M. Sanborn, Village Manager
Ms. Beth Dunn, Village Clerk

And approximately 17 attendees, including 7 staff and 1 press.

1. Call to Order.

Mayor Strickland, called the Village Council meeting to order.

2. Invocation and Pledge of Allegiance.

Invocation by Reverend Tudor-Foley.

3. Reports:

Village Manager

- The St. Andrews signalized railroad crossing has been completed.
- The County is moving forward with replacing the force main for the sewer system, in the vicinity of Sugar Gum, and the project should be completed in July.

Village Council

- Councilmember Boesch stated the Ribbon Cutting Ceremony at the Community Center was great. Also, she attended the 1st meeting of the year for Pinehurst Business Partners. She noted they are an energetic group and she looks forward to working with them.
- Councilmember Drum stated he was asked to serve as the County representative for the Triangle J Executive Committee, and he accepted the offer.
- Mayor Pro Tem Davis noted there was a great turn out for the Pinehurst Elementary ground breaking ceremony and shared some photos from the event.
- Mayor Strickland stated there was a good turnout at the Community Center Ribbon Cutting and it was a good day. He also commended the staff for doing a marvelous job in bringing that project along.

4. Motion to Approve Consent Agenda.

All items listed below are considered routine or have been discussed at length in previous meetings and will be enacted by one motion. No separate discussion will be held unless requested by a member of the Village Council.

- Public Safety Reports for January, 2020.
- Approval of Village Council Meeting Minutes.
 - February 11, 2020 Regular Meeting
 - February 11, 2020 Work Session

End of Consent Agenda.

Upon a motion by Councilmember Drum, seconded by Councilmember Hogeman, Council unanimously approved the Consent agenda by a vote of 5-0.

5. Presentation of Financial Statements for the Quarter Ended December 31, 2019.

Brooke Hunter, Financial Services Director, stated that the Village remains in a very good financial position through the first half of the fiscal year. Revenues exceeded expenditures by a larger margin than anticipated in our forecast for the first two quarters and operating expenditures are below expected levels and our revenue outlook is on target. General fund revenues were \$714,000, or 4.8%, above the year-to-date budget projections. Property tax revenues were \$533,000, or 5.6%, above the quarterly revenue estimate. This increase is primarily due to higher collection levels than anticipated through December 31. The real and personal base grew by 7.4%, compared to the same period last year, which is in line with projections after combining expected regular growth and Moore County property revaluation rates. Motor vehicle tax base grew by 8.7%, compared to the prior year. For local option sales taxes, the adopted budget forecast a 3.5% increase over the previous year. So far, the actual collections for the first four months of the year are running 14.7% ahead of the previous year's collections. Ms. Hunter noted that at the time the local option sales tax budget for FY 2020 was adopted, the impact of online sales tax collections was unknown. Actual increases have been greater than North Carolina originally projected, and the Village has seen several months of higher sales tax remittances.

Ms. Hunter stated that the Village issued 88 single-family residential building permits valued at \$26,022,000 during the first two quarters compared to 57 the previous year. The Village is in line to exceed the forecasted number of 120 homes constructed by year-end. During the first two quarters, the Fair Barn covered 75% of operating expenditures with operating revenues, which is lower than the 89% achieved at this point the previous year. Expenditures increased over last year, primarily in utilities and maintenance due to a couple of larger repairs that occurred early in the fiscal year. Before sponsorship discounts were applied, the Fair Barn covered 96% of expenditures. The Harness Track covered 77% of its operating expenditures compared to 70% the previous year. Revenues were lower than last year because of fewer horses stabling at the track. Renovations were originally planned for Barn 16, but it was determined early in the year that Barn 16 would not be rented this season and the renovations were deferred until the stalls in this barn are needed. Painting projects at the Harness Track were also budgeted this year but not yet completed. Some of these painting charges can be deferred one year to reduce operating expenditures at the track and offset the reduction in revenue this season. Mayor Strickland noted maybe the renovations to the Harness track should move forward so we can keep the stalls up to date for potential renters.

Mayor Pro Tem Davis asked if the State projected sales tax revenue for Pinehurst or the entire state of North Carolina. Ms. Hunter stated they projected the sales tax for the entire State. Councilmember Drum stated if there is a way he would like to see the aggregate numbers for sales tax for the Village of Pinehurst.

6. Presentation of Mid-Year Financial Projections and Budget Amendment.

Brooke Hunter, Financial Services Director, explained based on her review of the quarterly financial statements through the end of December and discussions with Senior Management and Department Heads, she has formulated her estimate of the Village's projected year-end financial results. She estimates that the Village's revenues will exceed its expenditures at year-end by approximately \$1,985,000, which includes the \$1 million returned from the Given Memorial Library capital expansion campaign. Total fund balance for the General Fund at the beginning of this fiscal year was \$7,872,000. Ms. Hunter is projecting that fund balance will increase to \$9,857,000 by the close of this fiscal year. This estimate will leave the ending fund balance for the General Fund at 45.0% of expenditures. Ms. Hunter noted that this percentage is above our policy range and positions us well to address initiatives identified in the long-range comprehensive plan.

Ms. Hunter explained that she evaluated our projected actual amounts compared to the current budget, she identified several of the more significant items that have deviated from our original budget projections. Staff proposes the Village revise the budget estimates for these items in an effort to bring the budgeted amounts closer to expected levels. Ms. Hunter reviewed the proposed adjustments. She noted that in total, these adjustments will increase the Village's FY 2020 Budget by \$5,700 and will reduce fund balance appropriated by \$364,999. Ms. Hunter explained that adopting the proposed adjustments within the revenue and expenditure accounts will enable the Village to prepare more accurate budget estimates for the next fiscal year and maintain statutory compliance required by the Local Government Budget and Fiscal Control Act.

Mayor Strickland asked couldn't we just adjust the 2 expenditure items that were increasing without going through this entire process. Ms. Hunter explained we go through this process to get an accurate forecast going into the next budget year, true up Fund Balance, and reduce variances. Mayor Pro Tem Davis asked if we planned to leave the cash in our investment fund with the thrashing the stock market has taken the last few days. Ms. Hunter explained we are invested in the NC Capital Management Trust and she doesn't anticipate any significant decreases in investment income due to the decline of the stock market. Councilmember Drum asked if the increase in vehicles tax was a reporting error, as previous years were much lower. Ms. Hunter stated the economy is doing well and people are purchasing vehicles.

Upon a motion by Mayor Pro Tem Davis seconded by Councilmember Drum, Council unanimously approved, Ordinance 20-02 amending the ordinance appropriating funds for operations, regarding revenues and expenditures of the General Fund for the Village of Pinehurst, by a vote of 5-0.

7. Update on the Status of the Library Needs Assessment.

Natalie Hawkins, Assistant Village Manager, stated this agenda item is to provide an update to the Library Needs Assessment, following a three-day onsite public engagement period held last week, February 18th – February 20th. Ms. Hawkins noted that the consultants facilitated four (4) community conversations with a diverse group of 51 residents and also conducted individual interviews. Also, the Village has received 334 completed online surveys, to date.

Ms. Hawkins noted some of the key themes that emerged through the Community Conversations included a desire for the library to be more than just a library, additional meeting spaces and children program space, split the Archives from the library operations to provide adequate space, and extended operating hours. Ms. Hawkins noted that one thing observed during the Community Conversations is that residents were very accepting of different points of view and in general there was quite a bit of cohesiveness among residents in terms of what they wanted from a library in spite of their very different demographics and backgrounds.

Ms. Hawkins explained the next step in the process will be for the consulting team to assimilate all of the information and data obtained to date and formulate up to three alternative recommendations for the Village Council to consider. The consultants will prepare an order of magnitude capital cost, potential ongoing operations costs, and important considerations of each alternative recommendations. These alternatives, along with the estimated costs and important considerations, will be presented to the Village Council and the public in advance of conducting a second survey of residents to indicate their preferences for the alternative recommendations. The second survey is currently scheduled to be completed in April. In addition to the survey, all Pinehurst residents will be able to provide their feedback on the alternative solutions via Engage Pinehurst and public comments.

Mayor Strickland suggested sending an E-blast out to residents reminding them to complete the online survey before the February 28th deadline. Councilmember Hogeman asked would it be possible to put a brief statement in the survey to state our annual budget number, percentage of capital expenses, and a list of other Village projects on the horizon. She feels this will help residents get an idea, financially, of how this project fits in the picture. Councilmember Drum stated he was concerned about the lack of structure in the focus groups to get the input. Councilmember Boesch stated the ETC, statistically valid, survey will be the biggest indicator as to what the residents want. Mayor Strickland suggested that Council work with staff to craft the ETC survey that will be mailed to residents.

8. Other Business.

No other business was discussed.

9. Comments from Attendees.

- John Webster, 140 West McKenzie, stated he believes there is bias in the process for the Library Needs Assessment. He believes everyone should be aware of the impact to taxes and would suggest a referendum. On the financial statements he noted that the Village has 2 small debts, one is due next month and the other is due in 2022, he inquired about why the Village is not pre-paying the debt. Also, he stated he is happy that revenues have went up but it's because the tax payers are paying it. The Village should remember the residents are not clients they are equity holders. He noted that with the option sales tax, we don't get the full effect of that tax because of short term residents and that also applies to land use, as providing the different types of housing needed then we should remember that some of those come with part time residents.
 - Brooke Hunter, Financial Services Director, noted that Council has discussed paying the note off, at the Council Retreat, and she has since determined there is no pre-payment penalty and will bring that item back to Council for further discussion.
- Tom Campbell, Monticello Road, noted that some people like to listen to the Council meetings and make comments at the end of the meeting. He would like for Council to take that into consideration as the move into their work session to discuss the topic of moving the public comment period to the beginning of the meeting.
- Maureen Heranski, Pinehurst resident, stated she was surprised that all the barns were not rented out at the Harness Track, as it took a long time to fill those barns in the past.
 - Jeff Sanborn, Village Manager, noted that there is a fair amount of positive word of mouth in the industry in regards to track improvements and customer service at the Harness Track. They are optimistic that they are going to turn a corner going into the next year.
- Jane Casinella, Pinehurst resident, stated she came to Council a while back and asked Council to discuss development issues on Highway 5 with the TriCities Group. She hasn't heard much discussion on the topic since that time and asked what is being discussed. Also, she recommended talking with 2 prominent Highway 5 land owners about donating their undeveloped land to the Land Trust.
 - Mayor Strickland stated that the Village is working on a variety of projects related to the traffic on Highway 5 traffic issues.

10. Motion to Adjourn.

Upon a motion by Mayor Pro Tem Davis, seconded by Councilmember Drum, Council unanimously approved to adjourn the regular meeting by a vote of 5-0 at 6:03 p.m.

Respectfully Submitted,

Beth Dunn,
Village Clerk

A videotape of this meeting is located on the Village website: www.vopnc.org

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**VILLAGE COUNCIL
MINUTES FOR WORK SESSION OF FEBRUARY 25, 2020
ASSEMBLY HALL
395 MAGNOLIA ROAD
PINEHURST, NORTH CAROLINA**

IMMEDIATELY FOLLOWING THE REGULAR MEETING

The Pinehurst Village Council held a Work Session at 6:13 p.m., Tuesday, February 25, 2020, in the Assembly Hall of Pinehurst Village Hall, 395 Magnolia Road, Pinehurst, North Carolina. The following were in attendance:

Mr. John C. Strickland, Mayor
Ms. Judy Davis, Mayor Pro Tem
Ms. Lydia Boesch, Treasurer
Mr. Kevin Drum, Councilmember
Ms. Jane Hogeman, Councilmember
Mr. Jeffrey Sanborn, Village Manager
Ms. Beth Dunn, Village Clerk

And approximately 7 attendees, including 5 staff.

1. Call to Order.

Mayor John Strickland, called the Council work session to order.

2. Discuss Public Comment Period

Council discussed drafting a written policy to move the public comment period to the beginning of Council meetings, after the consent agenda is approved. The policy would include limiting the Public Comment Period to 30 minutes, allowing each speaker 3 minutes to address the Council, and will require a sign-up sheet. Council agreed to review a draft policy at the next regular Council meeting, March 10th, and possibly adopt at the following regular meeting, March 24th.

3. Small Area Plan

Natalie Hawkins, Assistant Village Manager, explained this agenda item is a follow up to the conversation Council had in January on Small Area Plans. She explained the objective for today's discussion is to provide an overview of previous planning for New Core/Village Place, review proposal for small area plans for Village Place/Rattlesnake Trail and & Highway 5/Pinehurst South Commercial Area, and seek Council consensus on how and when to proceed.

Darryn Burich, Planning and Inspections Director, explained the concept of a small area plan and noted it acts as a policy guide for infrastructure improvements and development reviews. Mr. Burich reviewed the current development and scenario planning maps for Highway 5/Pinehurst South and Village Place/Rattlesnake Trail areas. Ms. Hawkins reviewed the previous planning completed for New Core/Village Place area. She explained the previous consistent recommendations, which were that the Village Center extended north to New Core/Village Place, develop as a mixed use area, Village Center lacks critical mass, connect Rattlesnake Trail to Community Road, and add brick sidewalk connections for pedestrian focus. Ms. Hawkins explained that Village staff have used previous planning efforts for Village Place to review development proposals, install infrastructure, and make other improvements such as installing wayfinding signs, worked with the Resort to re-develop the Steam Plant and install Power Plant Road, extended brick sidewalk on Magnolia, Community, and McCaskill Roads, and started discussions with Moore County about relocating the Rescue Squad facility. Mr. Burich noted that for the Highway 5/ Pinehurst South area there isn't a lot of planning guidelines other than the 2010 Comprehensive Plan.

Mr. Burich stated that staff recommends updating the New Core Master Plan with a Village Place/Rattlesnake Trail Small Area Plan, prepare a small area plan for Highway 5/Pinehurst South Commercial Area, and engage a consultant to conduct and manage both Small Area Plans at the same time. Mr. Burich noted that the Rattlesnake Trail/Village Place area staff has received five different development proposals for five different parcels in the last twelve months and for the Highway 5/Pinehurst South area staff has received six different proposals for six different parcels in the last 9 months.

Ms. Hawkins reviewed a road map of how they plan to implement changes to the Pinehurst Development Ordinance (PDO) in conjunction with small area plans and other Comprehensive Plan Implementation Strategies. Mayor Strickland stated that it seems that going out for an RFQ, for a Small Area Plan, would be recreating what we already know. He noted that we would need to be as precise as possible about what it is the Council would like to see or would not like to see, in regards to development in those areas. Mayor Pro Tem Davis stated that there is a lot of rich context from the old plans that will be very helpful to layout in a RFQ. Councilmember Drum feels that creating the Small Area Plan could jump start the process.

Councilmember Hogeman stated she was not comfortable with all of it and we need to articulate what we want in these plans for the consultant. She also noted that it was very nice that the analysis, to implement strategies, was extended 5 years out, however, she doesn't want to be put into a position to vote on something that appears to bless something 5 years out, as some items are controversial. Mayor Pro Tem Davis stated this is a business and businesses have to have a plan.

Councilmember Hogeman explained she would like the Western Connector removed from the five year plan. Ms. Hawkins explained that the reason it's showing on this 5 year plan is because they grouped all the strategies associated with conservation and preservation together. Ms. Hawkins explained the first step related to those items would be to complete a conservation plan and we need to know now if we need to put money in the 5 year budget outlook to complete a plan in 2024.

Councilmember Drum stated he doesn't want to slow the process down for the Small Area Plan. Councilmember Hogeman suggested interim zoning map amendments, for the Rattlesnake Trail/Village Plan and Pinehurst South/Highway 5 areas, to prevent someone from coming in and doing something disastrous, until a plan is in place. Ms. Hawkins noted that staff will take the feedback from tonight's meeting and edit the RFQ for the small area plan and bring back to Council to review.

4. Pedestrian and Child Safety on Residential Streets

Mayor Strickland explained that some residents on Woods Road and Fields Road are concerned with the volume and speed of traffic of those roads. He suggested getting a couple Councilmembers together and showing the data collected to those residents. After they have seen the data the residents can come back to Council with any questions or concerns. Jeff Sanborn, Village Manager, explained the most important thing is to set a firm policy that enables staff to execute Council's intent on a global basis, so we don't get caught reacting to the one offs and we have a firm methodology.

Councilmember Drum stated we need a holistic pedestrian, bike, golf cart, and greenway consolidated plan. He noted he would like to apply for a grant to study this issue. Councilmember Drum stated he feels the bigger issue is a cry for help because there is no place to walk in that area. Mr. Sanborn stated that speeding is a Village wide issue and we can't solve the problem but we can manage it. He explained the Police Department is now focusing on key areas in the Village and are rotating the resources in a more thoughtful way which will help manage those speeding issues. Mr. Sanborn also noted the Village is putting funds in the budget for next year for more speeding trailers. Councilmember Boesch stated that just because someone complains about a problem that doesn't mean it is the problem, taking a reactionary approach can be a slippery slope. Natalie Hawkins, Assistant Village Manager, explained that the Greenway Plan was consolidated into the Pedestrian Plan. Jeff Batton, Assistant Village Manager, stated they have a question into NCDOT to see if we are qualified for the grant that Councilmember Drum would like to apply for.

5. Other Work Session Business.

No other business was discussed.

6. Potential Future Work Session Agenda Items

- Councilmember Boesch suggested adding the 125th Anniversary plans to a work session. She noted that John Bouldry and Jack Farrell said they are willing to help. Mayor Strickland noted he is still waiting on a response from the Resort and he will also reach out to Jack and John about what we are going to do going forward.
- Councilmember Boesch asked if Mark Wagner, Parks and Recreation Director, could come in and give an update on the operations of the Community Center.
- Councilmember Boesch asked if the CVB was coming to present at a meeting. Ms. Hawkins stated they are scheduled to come to the 2nd Council meeting in March, during a regular meeting.
- Councilmember Hogeman stated she would like to discuss the new NCDOT growth projections and get Council's thoughts on the best way those projections should be put together.

Upon a motion by Councilmember Boesch, seconded by Councilmember Hogeman, Council unanimously approved to adjourn the work session by a vote of 4-0 at 8:19 p.m.

Respectfully Submitted,

Beth Dunn,
Village Clerk

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VILLAGE OF PINEHURST
STANDARD PROCEDURE

SUBJECT:	Public Comment Policy	Effective: March 24, 2020
Department:	Administration	Policy No.: 45
Prepared by:	Beth Dunn	Revised:
Approved by:	Village Council	# of Pages: 2

PURPOSE: The purpose of this policy is to:

1. Create a procedure, in accordance with North Carolina General Statute 160A-81.1, to allow members of the public to address the Village of Pinehurst Council.

POLICY: The Village of Pinehurst Village Council is committed to allowing members of the public an opportunity to offer comments and suggestions to the Village Council for the efficient and effective administration of government. In addition to public hearings, special time set aside for receiving such comments and suggestions. All comments and suggestions addressed to the Council during Public Comment Periods shall be subject to the following procedures:

- A Public Comment Period will be held at the beginning of the Council meeting. The comment period will be limited to a maximum of thirty (30) minutes.
- Persons who wish to address the Council during this Public Comment Period will register on a sign-up sheet available on a table inside the entrance door to Assembly Hall indicating contact information and topic. A sign-up sheet will be available beginning thirty (30) minutes before the start of the meeting. No one will be allowed to have his/her name placed on the list by telephone request to Village Staff.
- If the thirty (30) minutes allocated to the Public Comment Period have not expired after the individuals who have registered have spoken, individuals who fail to register before the meeting may speak. If time remains, the Mayor, or presiding officer, will ask if any other persons wish to address Council. An individual wishing to speak should raise his or her hand. After being recognized, the individual should state his or her name, address, and the topic to be addressed.

- Speakers will be acknowledged by the Mayor, or other presiding officer, in the order in which their names appear on the sign-up sheet. Speakers will address the Council from the lectern at the front of the room and begin their remarks by stating their name and address.
- Each person signed up to speak will have three (3) minutes to make his/her remarks.
- If the time period runs out before all persons who have signed up get to speak, those names will be carried over to the next Public Comment Period at the next regularly scheduled Village Council meeting.
- Speakers who have prepared written remarks or supporting documents are encouraged to leave a copy of such remarks and documents with the Village Clerk.
- Items that are scheduled to be the subject of public hearings conducted at the same meeting shall not be discussed during the Public Comment Period.
- Public comment is not intended to require the Village Council or Staff to answer any impromptu questions. Speakers should address all comments to the Council as a whole and not to individual Councilmembers or the assembled public.
- Comments, questions, or jeering from the audience are not allowed. Speakers shall likewise not address or respond to members of the audience.
- Speakers must be respectful and courteous in their remarks and must refrain from personal attacks and the use of profanity.
- Information sheets outlining this Public Comment Policy will also be available in the sign-in area of Assembly Hall.

Approved by:

John C. Strickland, Mayor

Date

Resolution # 20- XX

Village Council, Resolution

Date



Assessment of Pedestrian Safety

Village Wide History

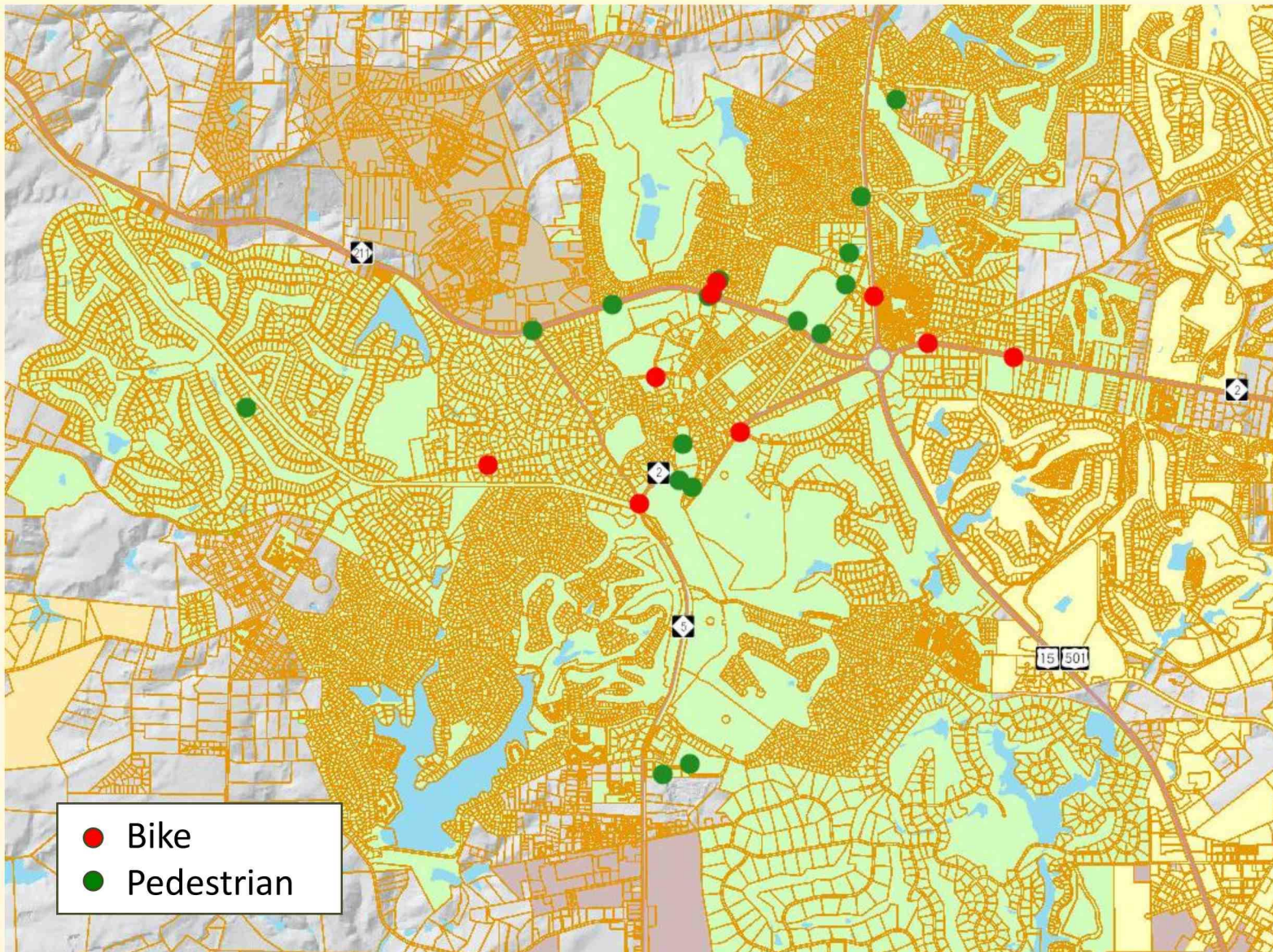
21 Year VOP Pedestrian Accident History



Injury Classification	Number
Suspected Serious Injury	2 (2002, 2018)
Suspected Minor Injury	3
Possible Injury	14
No Injury	3

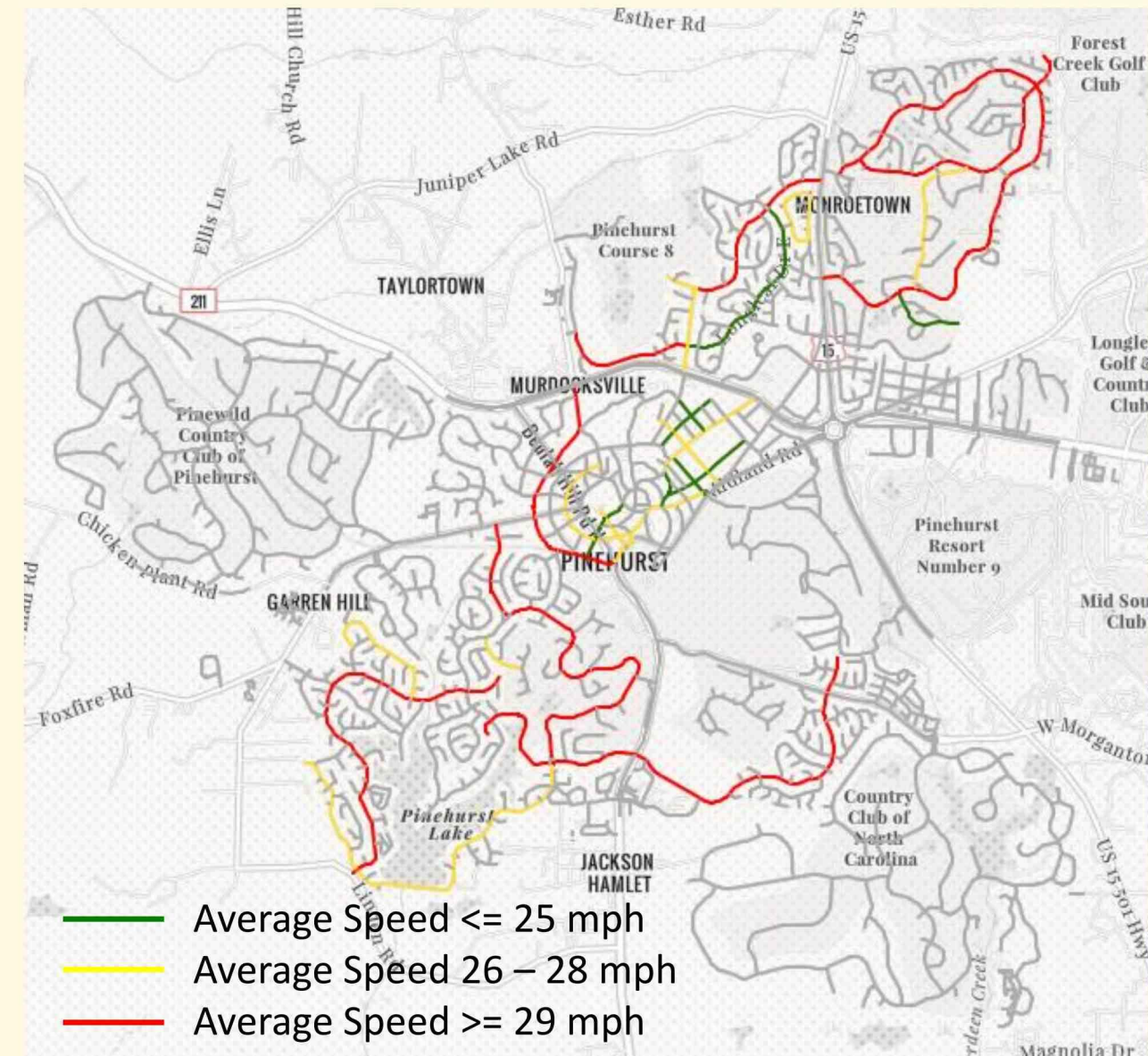
- 22 total pedestrian accidents in last 21 years.
- 11 pedestrian accidents on Village streets.
- 4 pedestrian accidents at intersections (none in neighborhoods).
- 20 year average of 0.08 pedestrian accidents per 1000 residents.
- NC rate in 2018 was 0.32 pedestrian accidents per 1000 residents.
- Southern Pines had 6 pedestrian accidents in 2018. Aberdeen had 4.

2007-2018 Bike & Pedestrian Accident Locations



- Highest concentrations in hospital area and near Gun Club & Hwy 211 intersection
- Bike accidents almost exclusively on State roads
- Only bike and pedestrian accidents in residential neighborhoods include:
 - 2 pedestrian & 1 bike in Village Acres
 - 1 pedestrian in Pinewild
 - 1 pedestrian in Spring Lake Hills

Speed Survey History - Geographic



- Map shows the distribution of the 125 studies we have on file
- Many roads have been surveyed multiple times and at different locations
- Speeds measured may not be applicable to entire road as depicted
- Main residential arteries are biggest problem
- Old Town roads have consistently been found to be relatively acceptable
- Worst recent results have been measured on Monticello (2017), Lake Hills (2016) and Juniper Creek (2016) – all 33 mph or greater.

Addressing Demonstrated Pedestrian Safety Problems

What is a “Safe Speeds”



- Not a clear and uniformly accepted methodology for determining what is a safe speed on a given roadway.
- Speed limits reflect what is legal and may or may not reflect what is safe.
- For Context -- Excerpt from NHTSA publication on setting speed limits:
 - Setting a speed limit based on the 85th percentile speed was originally based on safety. Specifically, research at the time had shown that traveling at or around one standard deviation above the mean operating speed (which is approximately the 85th percentile speed) yields the lowest crash risk for drivers. Furthermore, crash risk increases rapidly for drivers traveling two standard deviations or more above or below the mean operating speed. Therefore, the 85th percentile speed separates acceptable speed behavior from unsafe speed behavior that disproportionately contributes to crash risk.
 - The 85th percentile speed method is also attractive because it reflects the collective judgment of the vast majority of drivers as to a reasonable speed for given traffic and roadway conditions. This is aligned with the general policy sentiment that laws (i.e., speed limits) should not make people acting reasonably into law-breakers. Setting a speed limit even 5 mph (8 km/h) below the 85th percentile speed can make almost half the drivers illegal; setting a speed limit 5 mph (8 km/h) above the 85th percentile speed will likely make few additional drivers legal.
- Key questions we should ask: What is our accident history for the area? Has there been or is there going to be an abrupt change to the built environment in the area that will cause deviation for past safety performance?

Addressing Demonstrated Pedestrian Safety Problems?



General Strategies: reduce speeds, separate by space, separate by time.

The following strategies and expected positive results are extracted and summarized from “A Review of Evidence-Based Traffic Engineering Measures to Reduce Pedestrian-Motor Vehicle Crashes”:

- At intersection: roundabouts. Decrease ~ 75%
- At intersection: traffic signals. Decrease ~ 50%
- At intersection & pedestrian crossings: Refuge Islands ~ 67%
- Entire roads: Traffic calming devices. Decrease 0-25%
 - Narrowing
 - Adding curvature
 - Speed humps (significant negative impacts, though)
- Entire Roads: Sidewalks. Decrease ~ 50%

Not included in the above reference because it is not an engineered solution: enhanced/8
focused traffic enforcement. Also not included: Driver feedback devices

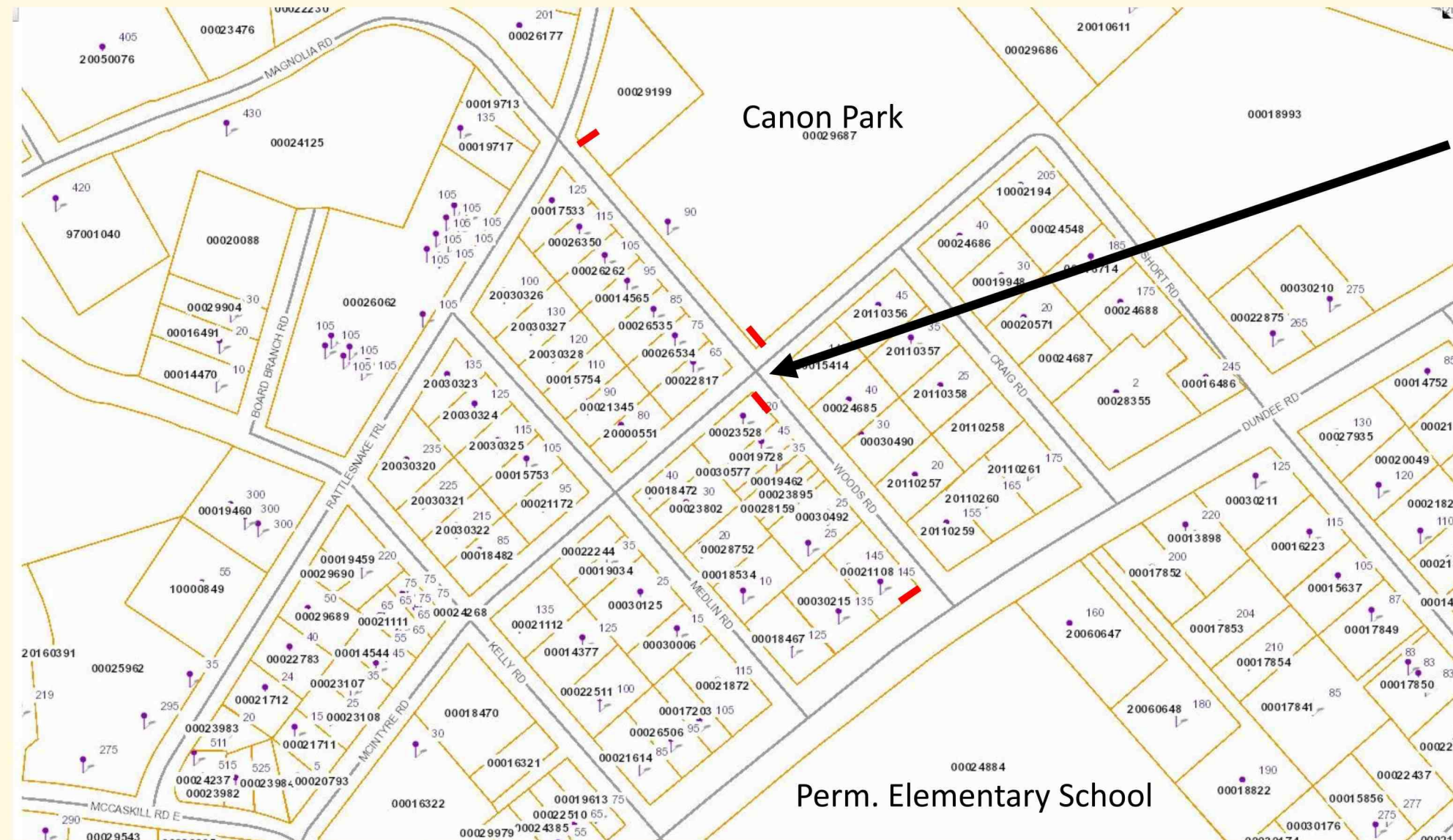
Use of Stop Signs to Control Speeds



- The MUTCD, as well as numerous online resources advise not to attempt to use stop signs to control speeds
- Staff could not find any knowledgeable source that recommends using stop signs to control speeds
- Stop signs only reduce speeds in the immediate vicinity of the signs, and tend to exacerbate speeding farther away
- Stop signs employed where intersection traffic situation does not warrant them:
 - Cause motorists to disregard them and run or roll thru the signs
 - Cause increased noise, fuel consumption and emissions
 - Increase vehicle accidents
 - Cause many drivers to become more aggressive
 - Cause many drivers to speed more in order make up for perceived 'lost time'

Two Recent Areas of Concern

Potential Problem Area: Woods & McIntyre



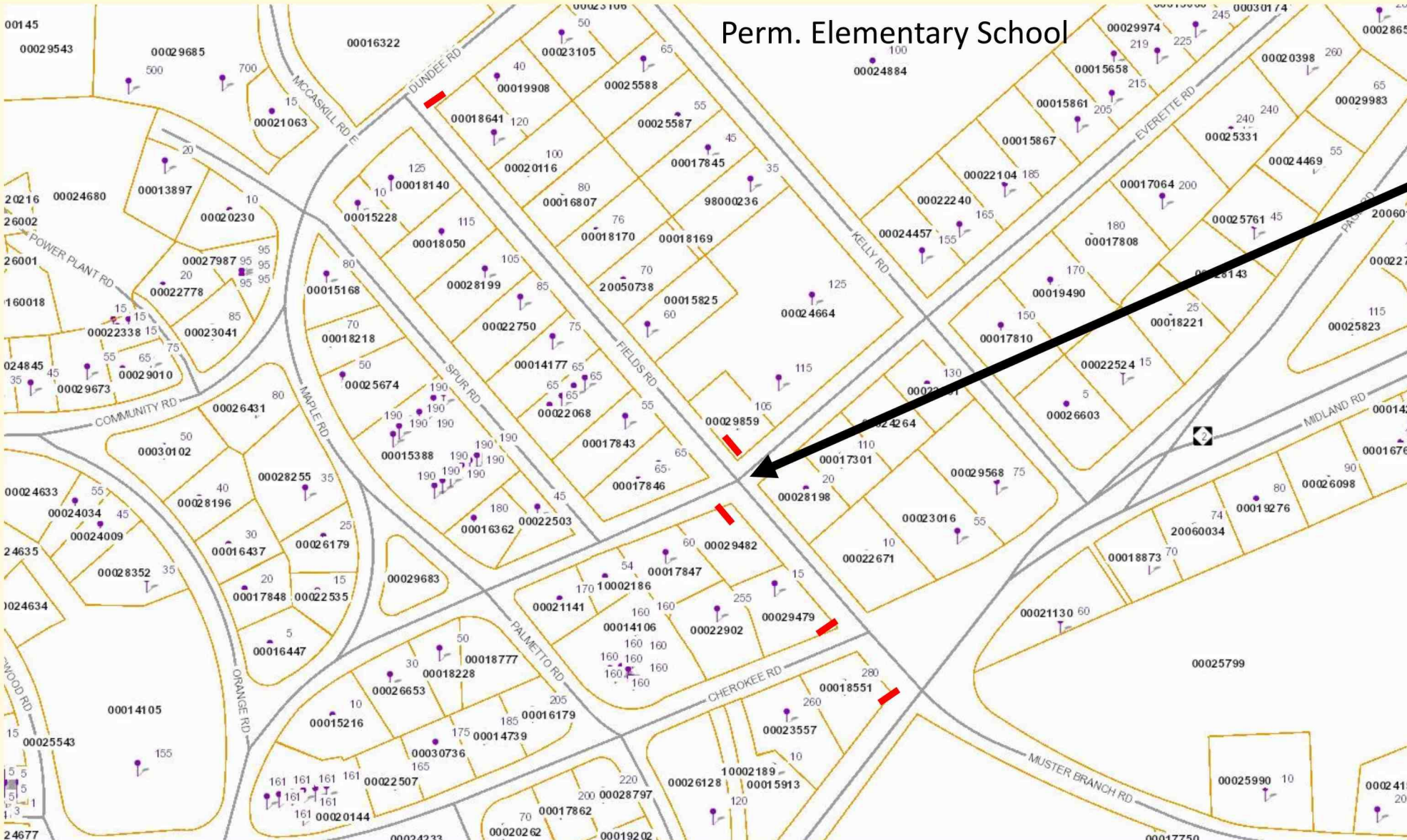
Staff Observation:
2:25 – 3:25 PM, 3/4/20

8 pedestrians,
including 1 elementary
school student

Traffic light

No speeding observed

Potential Problem Area: Fields & Everett



Perm. Elementary School

Staff Observation:
7:00 – 8:00 AM, 3/2/20

3 pedestrians, no
elementary school
students

Traffic light: 1 of 9
vehicles observed was
probably over the
speed limit (~30-35
mph)

Focused Police
Enforcement: Nov '19.
51.5 hours
19 speeding tickets
(~1 ticket / 2.7 hours)

Speed & Traffic Count Context



	AADT (Both Directions)(veh)	Average Speed (mph)	85 th %'ile Speed (mph)
Fields	676	24.0	30.0
Woods	633	22.5	29.1
10 Year VOP Average	1770	27.7	33.4

- 10 Year VOP Average is taken from 125 traffic and speed surveys done since 2010 on VOP residential streets with a speed limit of 25 mph
- Compared to these averages, both Fields and Woods have very light traffic and noticeably lower speeds
- Compared to true problem areas in the Village (those well above average), Fields and Woods data is very low and under control

MUTCD All-Way Stop Standards of Justification



	Major Rd Traffic Count	Minor Rd Traffic Count	Accident History
MUTCD Warrant	300 veh per hour for any 8 hours	200 (veh+ped+bike)/hr for same 8 hrs	5 in 12 months
Woods/McIntyre	633 veh per DAY	340 veh per DAY	3 in 5 years
Fields/Everette	676 veh per DAY	195 veh per DAY	1 in 5 years

Other criteria that may be considered:

- The need to control left-turn conflicts
- The need to control vehicle/pedestrian conflicts near locations that generate high pedestrian volumes
- Locations where a road user, after stopping, cannot see conflicting traffic and is not able to negotiate the intersection unless conflicting cross traffic is also required to stop
- An intersection of two residential neighborhood collector (through) streets of similar design and operating characteristics where multi-way stop control would improve traffic operational characteristics of the intersection

No clear evidence that pedestrian or bicycle traffic is high at either of these intersections

Policy Discussion and Way Forward

- Listen to traffic safety concern and seek clarification, where appropriate
- Conduct traffic survey & gather other relevant information
- Apply sound engineering principals (like those codified in the MUTCD) and judgment to the situation
- In the case of stop sign requests, we have not always required that MUTCD warrant thresholds be met, but that they at least be close enough to justify emplacement based on other factors and criteria
- Coordinate with Police Department to focus enforcement action in areas with validated speeding 'problems'
- In some cases we have decided that a cross-walk or pedestrian facility was the best way to address the concern

- Do we have a Village wide or any location specific pedestrian safety concerns that require attention?
- Would you like to create a more prescriptive methodology for staff to use to analyze requests for multi-way stops in the future?

If the answer to either question is yes, staff will develop a proposed way forward.

Questions?