



## Town of Waynesville, NC

### Board of Aldermen Regular Meeting

Town Hall, 9 South Main Street, Waynesville, NC 28786

Date: October 11<sup>th</sup>, 2022 Time: 6:00 p.m.

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(828) 452-2491 [eward@waynesvillenc.gov](mailto:eward@waynesvillenc.gov)

#### A. CALL TO ORDER - Mayor Gary Caldwell

##### 1. Welcome/Calendar/Announcements

#### B. PUBLIC COMMENT

#### C. ADDITIONS OR DELETIONS TO THE AGENDA

#### D. CONSENT AGENDA

*All items below are routine by the Board of Aldermen and will be enacted by one motion. There will be no separate discussion on these items unless a Board member so requests. In which event, the item will be removed from the Consent Agenda and considered with other items listed in the Regular Agenda.*

##### 2. Adoption of minutes of the September 13th, 2022 Regular meeting Hazelwood Christmas Parade Special Event Application

**Motion: To approve the consent agenda as presented.**

#### E. PRESENTATION

##### 3. Waynesville & Waynesville Rural Insurance Rating Report

- Fire Chief Joey Webb

#### F. CALL FOR PUBLIC HEARING

- Olga Grooman, Planner

##### 4. Call for a Public Hearing for November 8, 2022 to consider the text amendment related to cottages and conservation subdivision designs, Sections 2.5.3, 15.9, and 17.3 of the Land Development Standards (LDS).

**Motion: To call for a Public Hearing to be held on November 8, 2022 at 6:00 pm or as closely there after as possible, in the Town Hall Board Room located at 9 South Main Street, to consider the text**

***amendment related to cottages and conservation subdivision designs, Sections 2.5.3, 15.9, and 17.3 of the Land Development Standards.***

5. Call for a Public Hearing for November 8, 2022 to consider the text amendment related to Roadway Standards, Sections 6.5, 6.6, 6.7, and 6.8 of the Land Development Standards (LDS).
  - Elizabeth Teague, Development Services Director

***Motion: To call for a Public Hearing to be held on November 8, 2022 at 6:00 pm or as closely there after as possible, in the Town Hall Board Room located at 9 South Main Street, to consider the text amendment related to Roadway Standards, Sections 6.5, 6.6, 6.7, and 6.8 of the Land Development Standards (LDS).***

**F. NEW BUSINESS**

6. Converting two part-time positions into a full-time position for Parks & Recreation
  - Luke Kinsland, Interim Parks and Recreation Director

***Motion: To approve converting part-time positions into one full-time position***

7. Renewal of Hazard Mitigation Plan
  - Zack Koonce

***Motion: To adopt Resolution R-26-22 for renewal of Hazard Mitigation Plan as presented.***

8. Budget Amendment for Grant Awards
  - Misty Hagood, Finance Director

***Motion: To approve Ordinance O-33-22, Amendment 4 to the 2022-2023 Budget as presented.***

9. Capital Purchase Approval – Fire Department
  - Chris Mehaffey, Assistant Fire Chief

***Motion: To approve capital purchase and approve higher bid due to specifications***

10. Historic Preservation Commission Applicants
  - Rob Hites, Town Manager

***Motion: To appoint one applicant (Name) to the Historic Preservation Commission to serve a term of three years ending June 30, 2025.***

11. Renewal of Forest Steward's Contract to manage Watershed
  - Rob Hites, Town Manager

***Motion: To approve the Forest Steward's contract in the amount of \$42,000.00 to manage the watershed***

12. Request of Travis Crisp for Town to Lease and pave parking area beside 237 Depot Street (old Clayton building).

- Rob Hites, Town Manager

***Motion: To authorize the staff to negotiate a long- term lease for the vacant lot adjacent to Depot Street (Pin # 8615-28-7644) with Travis Crisp and the railroad and return to the Board for further action.***

**G. COMMUNICATION FROM STAFF**

12. Manager's Report

- Town Manager, Rob Hites

13. Town Attorney Report

- Town Attorney, Martha Bradley

**H. COMMUNICATIONS FROM THE MAYOR AND BOARD**

**I. CLOSED SESSION**

- Town Attorney Martha Bradley

14. Closed session to discuss matters relating to the location or expansion of industries or other businesses in the area served by the public body, including agreement on a tentative list of economic development incentives that may be offered by the public body in negotiations pursuant to N.C. Gen. Stat. § 143-318.11(a)(4).

15. To consider the qualifications, competence, performance, character, fitness, conditions of appointment, or conditions of initial employment of an individual public officer or employee or prospective public officer or employee; or to hear or investigate a complaint, charge, or grievance by or against an individual public officer or employee.

**N. ADJOURN**

## MINUTES OF THE TOWN OF WAYNESVILLE BOARD OF ALDERMEN

### Regular Meeting September 13, 2022

**THE WAYNESVILLE BOARD OF ALDERMEN** held a regular meeting on Tuesday, September 13, 2022, at 6:00 p.m. in the Town Hall Board Room located at 9 South Main Street Waynesville, NC.

#### **A. CALL TO ORDER**

Mayor Gary Caldwell called the meeting to order at 6:05 pm with the following members present:

Mayor Gary Caldwell  
Mayor Pro Tem Julia Freeman  
Alderman Jon Feichter  
Alderman Chuck Dickson  
Alderman Anthony Sutton

The following staff members were present:

Rob Hites, Town Manager  
Eddie Ward, Town Clerk  
Town Attorney Martha Bradley  
Misty Hagood, Finance Director  
Jeff Stines, Public Services Director  
David Adams, Police Chief  
Luke Kinsland, Interim Parks and Recreation Director  
Beth Gilmore, DWAC Director  
Joey Webb, Fire Chief  
Chris Mehaffey, Assistant Fire Chief  
Elizabeth Teague, Development Services Director

Members of the media:

Becky Johnson, The Mountaineer  
Cory Vaillancort, Smoky Mountain News

#### **A. CALL TO ORDER**

##### 1. Welcome/Calendar/Announcements

Mayor Gary Caldwell welcomed everyone and reminded everyone of the upcoming events in the next few weeks including the Power of Pink 5K on September 24th, Haywood March for life on October 1<sup>st</sup>, and the Church Street Art & Craft show on October 8<sup>th</sup>.

Town Manager Rob Hites announced that due to the recent threats that have been made to the elected officials, and Public Service employees, the Police feels it necessary to follow the lead of Haywood County and begin to use metal detection for people entering the Board Room. He reminded everyone that it is nothing personal, but it is for the protection of everyone in attendance.

## **B. PUBLIC COMMENT**

### **Dick Young, 191 Meadow Street, Waynesville, NC**

Mr. Young spoke to the Board concerning reestablishing the truck route on Walnut Street and Haywood Street around Main Street to protect the new pavement and Pigeon Street.

### **Carol Brennan 285 Assembly Street, Waynesville, NC**

Ms. Brennan expressed her concerns about speeding and dangerous traffic on Assembly Street. She asked for a mirror to be placed to be able to see around a curve on the Street.

### **Sherry Lewis (Morgan) 437 Boundary Street, Waynesville, NC**

Ms. Morgan stated her objections to the Harm Reduction program, homelessness, and the funding of Helping Hands not profit organization. She also said she did not agree with Town Attorney Martha Bradley's decision on 160-D.

### **Janet Kronberg 268 Assembly Street Waynesville, NC**

Ms. Kronberg presented the challenges and possible solutions to speeding on Assembly and East Street. She compared the street to a roller coaster.

### **Tom Duffy 1013 East Street, Waynesville, NC**

Mr. Duffy described the traffic pattern on Assembly Street and worries about the traffic that will be added when the Sunnyside development is completed. He asked that the Board consider speed tables be placed on the street to slow traffic.

### **Glenn Kavanaugh 657 East Street, Waynesville, NC**

Mr. Kavanaugh expressed his frustrations concerning the placement of speed tables on East Street.

### **Michael Arwine 129 Mill Street**

Mr. Arwine told the Board that recently no parking signs have been placed in front of his house and is getting ticketed for parking on the street. He said that is the only place that he can park.

## **C. ADDITIONS OR DELETIONS TO THE AGENDA**

***A motion was made by Alderman Chuck Dickson, seconded by Alderwoman Julia Freeman, to move item 6 - Public Hearing on CDBG Infrastructure Grant – in order to hold the Public Hearing first. The motion cleared unanimously***

## **D. CONSENT AGENDA**

*All items below are routine by the Board of Aldermen and will be enacted by one motion. There will be no separate discussion on these items unless a Board member so requests. In which event, the item will be removed from the Consent Agenda and considered with other items listed in the Regular Agenda.*

### **2. Adoption of minutes of the August 9, 2022 Regular meeting**

**Haywood March for Life Special Events Permit**

**Power of Pink Special Events Permit**

**Trunk or Treat Special Event Permit**

**Hazelween Special Event Permit**

**Church Street Art and Craft Show**

***A Motion was made by Alderman Anthony Sutton, seconded by Alderman Chuck Dickson, to approve the Consent Agenda as presented. The motion passed unanimously.***

**E. PUBLIC HEARING**

2. Public Hearing on CDBG Infrastructure Grant

- Elizabeth Teague, Development Services Director

***A motion was made by Alderman Anthony Sutton, seconded by Alderwoman Julia Freeman, to open the public hearing at 6:26 pm. The motion carried unanimously.***

Development Services Director Elizabeth Teague stated that the Public Hearing is to consider a Community Development Block Grant (CDBG) application for \$2,000,000 in utility infrastructure improvements as part of the South Waynesville Sanitary Systems Improvements Project.

Ms. Teague stated that as part of their work for the Town, McGill and Associates has identified a potential CDBG grant opportunity to improve sewer infrastructure by replacing deteriorating sewer lines and appurtenances and eliminating infiltration and inflow of stormwater into the Town's sewer system. She introduced Ms. Karen Kiehna, and Joel Storrow of McGill and Associates to present information on the project, a proposed CIP budget, and answer questions from the Board and public.

Ms. Kiehna gave the following presentation.

Funding of McGill Associates were present to discuss the purpose of the public hearing for the Town of Waynesville's CDBG-I funding application. Karen Kiehna stated that the purpose of the public hearing was to obtain citizen's views and to respond to funding proposals and answer any questions posed by citizens. Ms. Kiehna also stated that the public hearing must cover the Town's community development needs, development of the proposed activities, and a review of program compliance before the submission of the Town's CDBG-I funding application to the state of the North Carolina.

The Town proposes to request funding from NCDEQ'S CDBG-I program for South Waynesville Sanitary Sewer System Improvements Project. The proposed project will meet the following community and housing needs of Town by replacing deteriorated sewer lines and appurtenances for purposes of eliminating infiltration and inflow. The project area includes South Main Street, Allens Creek Road, Browning Road, Hendrix Street, Franklin Street, Norman Street, Chelsea Road, Putman Street, Sawyer Street, Polk Street, Avery Street, Red Oak Lane, Muse Street, Burris Lane, Clay Street, Francis Street, Long Street and Caravan Road.

The purpose of the CDBG-I grant program is to improve the quality of life for low to moderate income people by providing a safe, clean environment and clean drinking water through water and sewer infrastructure improvements and extensions of service.

- To benefit a residential area where at least 51% of the beneficiaries are low to moderate income as defined by the United States Department of Housing and Urban Development.
- To perform eligible activities.
- To minimize displacement, and
- Provide displacement assistance as necessary.

For the fiscal year of 2022 the CDBG-I funding available is expected to be \$20,000,000.00, and each the maximum available grant \$2.0 million over a 3-year period. Applications for funding are received September 30, 2022.

The CDBG program can fund a wide variety of community development activities. The State of North Carolina has chosen to fund several activities: water and sewer infrastructure, neighborhood revitalization, COVID-19 related projects, and economic development projects that lead to job creation or retention. The infrastructure program, or CDBG-I program can fund a range of water and sewer infrastructure and economic development activities, including, but not limited to the, following:

Water:

- Projects that resolve water loss in distribution systems.
- Projects that extend public water to areas with contaminated wells.
- Projects that extend water lines to areas with dry wells.
- Projects that assist with low water pressure in public water systems.
- Projects that regionalize two or more water systems.
- Project that rehabilitate or replace a water treatment plant.

Wastewater:

- Projects that resolve inflow and infiltration to collection systems and surcharges from pumps stations and manholes.
- Projects that extent public sewer to areas with failed septic tanks.
- Projects that rehabilitate a wastewater treatment plant to allow for greater efficiency/compliance with regulations.

The Town is seeking an amount in CDBG-I funds not to exceed two million dollars (\$2,000,000.00) for the South Waynesville Sanitary Sewer System Improvements Project. The purpose of the Town's request is to replace deteriorated sewer lines and appurtenances for purposes of eliminating infiltration and inflow. The project area includes South Main Street, Allens Creek Road, Browning Road, Hendrix Street, Franklin Street, Norman Street, Chelsea Road, Putman Street, Sawyer Street, Polk Street, Avery Street, Red Oak Lane, Muse Street, Burris Lane, Clay Street, Francis Street, Long Street and Caravan Road if time and budget allows.

The project proposed by the Town of Waynesville was identified in the Capital Improvement Plan/Asset Management Plan) updated 2022. Informal community meetings were held in the project area to inform citizens of the potential project and get feedback from the residents.

A total of 100% of the CDBG- I funding will be used to benefit Low to Moderate Income (LMI) people. The project area in the Town of Waynesville has been determined to have an area-wide percentage of 64.74%. The project area includes Census Tract 921200, Block Group 3, which includes: South Main Street, Allens Creek Road, Browning Road, Hendrix Street, Franklin Street, Norman Street, Chelsea Road, Putman Street, Sawyer Street, Polk Street, Avery Street, Red Oak Lane, Muse Street, Burris Lane, Clay Street, Francis Street, Long Street and Caravan Road.

The range of activities covered by the CDBG-I funds for the South Waynesville Sanitary Sewer System Improvements Project includes:

- Construction
- Environmental Review
- Engineering Design
- Construction Administration and observation.
- Legal activities.
- Surveying.
- Grant Administration.

If Town of Waynesville is awarded a CDBG-I grant, the town is required to adhere to federal procurement requirements and other federal regulations which include:

- American with Disabilities Act/Section 504 Survey
- Davis-Bacon & Related Labor Acts
- Adoption/Submittal of a Citizen’s Participation Plan
- Adoption/Submittal of an Equal Opportunity Plan
- Adoption/Submittal of a Fair Housing Plan
- Adoption/Submittal of a Language Access Plan
- Adoption/Submittal of a Relocation Assistance Plan
- Adoption/Submittal of a Section 3 Plan
- Excess Force Provision

The State of North Carolina requires that the if the Town of Waynesville receives CDBG grant funding that the town will certify that they will comply with the requirements of the general displacement and relocation policy for CDBG grant funding. This policy assists low to moderate income people with costs associated with relocation or displacement, should such relocation become necessary due to the project activities. CDBG funds can be used for those costs, if necessary. If no displacement and relocation will occur as a result of the proposed CDBG grant activity, then the Town of Waynesville confirms that during this public hearing.

In the past, the Town has applied for and received the following completed CDBG project:

- List Name of Projects:  
South Waynesville Sanitary Sewer System Improvements Project, with outputs of
  - o Replacement or rehabilitation of 7,250 LF of 8” sewer line,
  - o Replacement or rehabilitation of 750 LF of 10” sewer line,
  - o Replace or repair 35 manholes, and
  - o Replace all necessary appurtenances, and outcome of
  - o Reduced inflow and Infiltration (I and I, and Tract 921200, Block Group 3.

The Town will submit its CDBG-I application for South Waynesville Sanitary Sewer System Improvements Project on September 30, 2022. The CDBG-I application will be available for review during normal business hours at 9 S. Main Street, Waynesville, North Carolina 28786. Additional information is available from Elizabeth Teague, Development Services Director, at 828-456-2004, or at the 9 S. Main Street, Waynesville, NC 28786.

Should you have any complaints or grievances regarding the subject public hearing, they should be addressed to the addressee mentioned above within fifteen (15) business days or by October 4, 2022, written complaints and/or grievances will be sent by the Town/City/County within fifteen (15) business days, where practicable.

***A motion was made by Alderman Chuck Dickson, seconded by Alderman Anthony Sutton, to close the Public Hearing at 6:46 pm. The motion carried unanimously.***

***A motion was made by Alderman Chuck Dickson, seconded by Alderwoman Julia Freeman, to approve the application for a Community Development Block Grant (CDBG), Resolution R-25-22, for \$2,000,000.00. The motion passed unanimously.***

## **F. PROCLAMATION**

2. Constitution Week - September 17th – 23rd 2022
  - Mayor Gary Caldwell

Mayor Caldwell read a Proclamation commemorating the Constitution Week,

## **G. PRESENTATION**

4. Report on Recreation Program
  - Luke Kinsland, Interim Parks and Recreation Director

Mr. Luke Kinsland, Interim Parks and Recreation Director, reported to the Board that there are many new and upcoming programs, events, collaborations, partnerships, and projects that will meet the demands of our citizens. He said there are many new programs such as RecTrac, WebTrac, and programs available through their insurance. Mr. Kinsland explained that new fitness instructors have been hired and parts for the fitness machines are becoming more available. Overall class attendance is up along with personal training appointments.

Currently, there are many contracted sports happening this fall including soccer leagues, Tuscola girl's tennis, Mountaineer Little League, SMAC swim, and judo. The Recreation Center hosted their first Summer Day Camp in two years, and a new after school program has been started and is going well.

Maintenance Projects and Greenway Development include a new pedestrian bridge connecting the greenway will be completed in October, and the 9.0-acre tract will be finished by the end of 2023. Mr. Kinsland told the Board that work will be done to correct drainage problems in the dog park and All Abilities Playground. The tennis courts and gym floors will be redone and tree trimming, and pressure washing will give the facility a much-needed face lift.

Mr. Kinsland reported on some of the challenges the Center is facing. Staffing remains the biggest, especially in the aquatic's natatorium. The lack of certified lifeguards puts the Center at risk of having to close the pool. Staff is working together to come up with solutions for recruiting and retaining lifeguards. He said that there doesn't seem to be a quick solution to our lifeguard shortage. Raising part time pay may help attract the position more, but it also might not. The staff will continue to try everything in their power to keep the pool open. The

Recreation Center Advisory Board has agreed that this program is of more significant value than other pool programs.

Mayor Gary Caldwell asked for a 10-minute break at 7:14 pm and resumed the meeting at 7:25 pm.

## H. CALL FOR PUBLIC HEARING

5. Call for a Public Hearing to consider a request for Annexation for property at 00, Waynesville, NC 28786, PIN 8615-41-3728
  - Elizabeth Teague, Development Services Director

Ms. Elizabeth Teague, Development Services Director, stated that the Town received the attached Petition for Annexation of contiguous area from Mary Boswell, Executrix for the Willison Estate. This 0.4-acre property is within the Town's Extraterritorial Jurisdiction and lies within the Ninevah Neighborhood Residential District (N-NR) district. The Estate wishes to annex for future connection to Town services

***A motion was made by Alderman Chuck Dickson, seconded by Alderman Anthony Sutton, to adopt Resolution R-24-22 and to consider an ordinance to approve the annexation of described property. The motion carried unanimously.***

***A motion was made by Alderman Chuck Dickson, seconded by Alderman Anthony Sutton, to call for a Public Hearing to be held on Tuesday October 11, 2022 at 6:00 pm or as closely thereafter as possible in the Town Hall Board Room located at 9 South Main Street, Waynesville for consideration of annexation of property located on Oakdale Road, PIN 8615-41-3728. The motion was passed unanimously.***

## I. OLD BUSINESS

6. Traffic Calming Devices for East Street and Locust Drive
  - Joey Webb, Fire Chief

Fire Chief Joey Webb said that Town Manager Hites had asked him to chair a committee to look at traffic calming. He said that on the committee there are two representatives from the Police Department, two representatives from the Fire Department, two from Public Services and two from J. M. Teague Engineering. The committee met and had discussions concerning the implementation of traffic calming devices. He said discussion included responding to resident concerns and reducing unsafe speeds on local roadways. Traffic calming devices benefit overall safety goals by reducing crash frequency and severity. To further ensure the goal of community safety, emergency vehicle response times should always be considered where vertical speed control mechanisms (e.g., speed humps, speed tables) are used. To meet these goals, it was determined that an effective solution is to prioritize the use of speed "cushions" instead of speed humps and speed tables, especially on higher volume roadways and designated emergency response routes.

Chief Webb explained that speed cushions are speed humps or speed tables that include wheel cutouts to allow larger vehicles (e.g., emergency vehicles) to pass unaffected, while reducing passenger car speeds. Speed cushions extend across one direction of travel from the centerline, with longitudinal gaps provided to allow wide wheelbase vehicles to avoid going over the hump. Speed cushions are typically 12 feet long, 3 inches at their highest point, and a minimum of 6 feet wide. They create a gentle vertical rocking motion encouraging motorists

to slow to a safe speed at or below the speed limit, while enabling fire trucks and ambulances to pass relatively unimpeded. He said the committee felt that speed cushions would be a good fit for East Street and Locust Street.

Chief Webb added that traffic calming phase II mitigation reports for East Street and Locust Drive have been amended to substitute speed humps/tables for speed cushions.

***A motion was made by Alderman Anthony Sutton, seconded by Alderman Chuck Dickson to install speed cushions on East Street and Locust Drive. The motion passed unanimously.***

## **J. NEW BUSINESS**

### **7. Contract for Services with Helping Hands of Haywood**

- Town Attorney Martha Bradley

Attorney Bradley stated that Ms. Nicole Kott had been involved in a serious accident causing the operation of Helping Hands of Haywood to come into question by not being able to provide a succession plan or receipts that are needed for the last quarterly installment of funding. Attorney Bradley said she feels that the Board needs to be pro-active and suspend funding to the organization pending the ability to come back into compliance with the terms of the contract.

***A motion was made by Alderman Anthony Sutton, seconded by Alderman Jon Feichter, to suspend payments to Helping Hands of Haywood pending receipt and review of quarterly receipts due for second quarter of 2022 and documents requested by letter from the Town Manager dated August 31, 2022. The motion cleared unanimously.***

### **8. Pigeon Street Budget Amendment**

- Jeff Stines, Public Services Director

Jeff Stines, Public Services Director, explained to the Board that during the installation of the utilities on Pigeon Street, the contractor found some other utilities that were in conflict of the proposed path of the waterline being installed, causing the waterline to be moved to an adjacent location of the original plan. He asked for a Budget Amendment in the amount of \$28,266.24 for payment of the stone/asphalt during the construction due to the movement of the waterline.

***A motion was made by Alderman Chuck Dickson, seconded by Alderwoman Julia Freeman, to approve Ordinance O-30-22 in the amount of \$28,266.24 to the 2022-2023 Budget for the payment of the change order due to utility conflicts and approve movement of the monies to the ARP funding source. The motion passed unanimously.***

### **9. Adoption of three resolutions to apply for grants under the American Rescue Plan Act's (ARPA) Stormwater Funding Program**

- Development Services Director, Elizabeth Teague

Ms. Teague reported to the Board that Development Services had contracted Withers-Ravenel Engineering Firm to assist the Town with three applications for the new ARPA Stormwater Funding Program administered by the NC Department of Environmental Quality (NC DEQ). There will be three grant applications:

1. **Planning Grant to update the existing 2008 Stormwater Master Plan and create a new Comprehensive Stormwater Master Plan.** The plan would include asset inventory and assessment, implement a broad study to identify stormwater-related improvements on Town properties, study where the sewer system is penetrating the stormwater system and other long-range planning aspects.
2. **Construction Grant for the Public Services Facility Stormwater Retrofit Project.** It will include identifying potential intercepts and rerouting several existing storm drains on the property to improve water quality in Shelton Branch.
3. **Construction Grant for the Waynesville Greenway Park Bioretention Retrofit Project.** The purpose of this project is to reconstruct the existing bioretention area considering the current water table, soil, runoff volume, and topography to improve water quality in Richland Creek.

Ms. Teague said the deadline to submit the applications is September 30, 2022, and the resolutions are a mandatory part of the application package. The NC DEQ has provided specific resolution templates for applicants.

***A motion was made by Alderman Chuck Dickson, seconded by Alderwoman Julia Freeman, to adopt the Planning Grant Resolution for a Comprehensive Stormwater Master Plan. The motion passed unanimously.***

***A motion was made by Alderman Chuck Dickson, seconded by Alderman Anthony Sutton, to adopt the Construction Grant Resolution for the Public Services Facility Stormwater Retrofit Project. The motion carried unanimously.***

***A motion was made by Alderman Chuck Dickson, seconded by Alderman Jon Feichter, to adopt the Construction Grant Resolution for the Waynesville Greenway Park Bioretention Retrofit Project. The motion passed unanimously.***

10. Budget Amendment to reflect FEMA Assistance to Firefighters Grant Revenue and Expenditure
  - Assistant Fire Chief Chris Mehaffey

Chris Mehaffey, Assistant Fire Chief told the Board that the Waynesville Fire Department was awarded a FEMA FY 2021 Assistance to Firefighters Grant in the amount of \$103,619.04 for the purchase of 14 sets of structural firefighting gear, 48 sets of wildland gear, and 48 wildland fire shelters.

***A motion was made by Alderman Anthony Sutton, seconded by Alderman Jon Feichter to approve the Ordinance Number O-29-22 Amendment 2 to the 2022-2023- Budget for the purchase of 14 sets of structural firefighting gear, 48 sets of wildland gear, and 48 wildland fire shelters. The motion passed unanimously.***

11. Approve purchase of John Deere 344L Compact Wheel Loader on State Contract
  - Town Manager Rob Hites

Manager Hites said that the Board had approved \$160,000.00 to purchase a front-end loader for the Waste Treatment Plant to replace an outdated one. The staff has found a loader on State Contract that is in inventory and does not have to be preordered. The purchase price is \$159,300.00. Staff asks that the Board approve the purchase so they can take advantage of the equipment being readily available.

***A motion was made by Alderwoman Julia Freeman, seconded by Alderman Anthony Sutton, to approve the purchase of a John Deere 344L Compact Wheel Loader for a price of \$159,300 from James River Equipment Company. The motion carried unanimously.***

12. Closing of State Revolving Loan
  - Town Manager Rob Hites

Manager Hites said the Town is preparing to close the \$24,545,900 State Revolving Loan that will fund the majority of the Wastewater Treatment Plan improvements. One of the closing documents is a resolution formally accepting the loan offer. Another stipulation of the loan is that the borrowing unit pay a 2% loan processing fee at closing. That fee amounts to \$490,918. The fee has been budgeted.

***A motion was made by Alderwoman Julia Freeman, seconded by Alderman Anthony Sutton to approve Resolution R-23-22 accepting the State Revolving Loan in the amount of \$24,545,900.00. The motion passed unanimously.***

Manager Hites received a late Special Permit Application for the Historic Preservation Commission Cemetery tour on October 15, 2022. The Cemetery Committee will hold a Special Meeting on September 14<sup>th</sup> to discuss allowing the tour to be held in Greenhill Cemetery. The Aldermen will need to meet to approve the Permit for the tour.

- K. COMMUNICATION FROM STAFF**  
Manager's Report
  - Manager Rob Hites

No communication from the staff.

18. Town Attorney Report
  - Town Attorney Martha Bradley

No communication from the Town Attorney

**L. COMMUNICATIONS FROM THE MAYOR AND BOARD**

No communications from the Mayor and Board

**M. CLOSED SESSION**

*A motion was made by Aldermen Anthony Sutton, seconded by Alderwoman Julia Freeman, to enter into closed session at 8:03 pursuant to G.S. 143-318.11(a)(3) to discuss: (1) pending litigation in the matter of 22-CVS-854 involving the following parties: Town of Waynesville, Haywood County, Register of Deeds of Haywood, David Lee Hall, Janice Sheehan Hall, Douglas Edward Gosnell, and Melissa Graves Gosnell; (2) potential litigation involving the following parties: Town of Waynesville and Dandy Dog Properties, LLC; and (3) to consult with an attorney to protect the attorney-client privilege.*

*A motion was made by Alderman Anthony Sutton, seconded by Alderwoman Julia Freeman, to consider the qualifications, competence, performance, character, fitness, conditions of appointment, or conditions of initial employment of an individual public officer or employee or prospective public officer or employee; or to hear or investigate a complaint, charge, or grievance by or against an individual public officer or employee. The motion carried unanimously.*

*A motion was made by Alderman Anthony Sutton, seconded by Alderwoman Julia Freeman to go into open session at 9:05 pm. The motion carried unanimously.*

**N. CONTINUANCE**

*A motion was made by Alderman Anthony Sutton, seconded by Alderman Chuck Dickson, to continue the meeting until 5:15 pm on Thursday September 15<sup>th</sup> 2022 in the Town Hall Board Room located at 9 South Main Street. The motion carried unanimously.*

Mayor Gary Caldwell called the continued meeting to order at 5:16 pm on Thursday September 15, 2022.

**Members Present:**

Mayor Gary Caldwell  
Alderman Chuck Dickson  
Alderman Jon Feichter

**Members Absent:**

Alderwoman Julia Freeman  
Alderman Anthony Sutton

**Staff Present:**

Rob Hites, Town Manager  
Eddie Ward, Town Clerk  
Byron Hickox, Land Use Administrator  
Misty Hagood, Finance Director

1. Receive a request from the Historic Preservation Commission for a permit to hold a special event at Greenhill Cemetery on October 15, 2022 from 3:00 pm – 5:00 pm.
  - Byron Hickox, Land Use Administrator

Mr. Hickox presented the information for the 7<sup>th</sup> Annual Historic Preservation Commission Greenhill Cemetery Tour. He stated that the Cemetery Committee had met earlier in the day and approved the event. He explained to the Board how the tour works, about the shuttle bus, and parking.

***A motion was made by Alderman Chuck Dickson, seconded by Alderman Jon Feichter, to approve the Special Permit Application for the Historic Preservation Commission to be held on October 15, 2022. The motion carried unanimously.***

2. Approve the minutes of the Public Hearing regarding a CDBG Infrastructure Grant held on September 13, 2022
  - Misty Hagood, Finance Director

Ms. Hagood asked the Board to approve Ordinance O-31-22 to establish a budget for a project to be funded by the Coronavirus State and Local Fiscal Recovery Funds of H. R. 1319 American Rescue Plan Act of 2021 (ARP/CSLFR).

***A motion was made by Alderman Jon Feichter, seconded by Alderman Chuck Dickson, to approve O-31-22 to establish a budget for a project to be funded by the Coronavirus State and Local Fiscal Recovery Funds of H. R. 1319 American Rescue Plan Act of 2021 (ARP/CSLFR.) The motion passed unanimously.***

Ordinance O-32-22 was brought before the Board by Ms. Hagood to fund the Special Appropriations \$35,000.00 because of the suspension of the funding of Helping Hands of Haywood.

***A motion was made by Alderman Chuck Dickson, seconded by Mayor Gary Caldwell to approve Or-32-22 in the amount of \$35,000.00 to fund the Special Appropriations due to the suspension of the funding of Helping Hands of Haywood. The motion passed with two yays (Alderman Chuck Dickson, and Mayor Gary Caldwell) and one nay (Alderman Jon Feichter).***

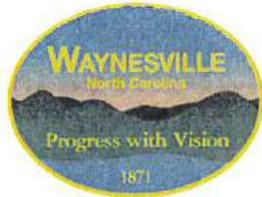
***With no further business a motion was made by Alderman Jon Feichter, seconded by Alderman Chuck Dickson, to adjourn the meeting at 5:34 pm. The motion passed unanimously.***

ATTEST:

\_\_\_\_\_  
Gary Caldwell, Mayor

\_\_\_\_\_  
Robert W. Hites, Town Manager

\_\_\_\_\_  
Eddie Ward, Town Clerk



# Application for Special Events Permit

## I. General Information

EVENT NAME: Hazelwood Christmas Parade

EVENT DATE(S): December 4, 2022

Note: If event is more than three days in duration, and not in the public right-of-way, you will also need a temporary event permit. Contact the Waynesville Police Dept. at 828-456-5363 for more information.

LOCATION: Hazelwood Ave Parade - starting on Virginia Ave

IF THIS EVENT IS A PARADE OR ROAD RACE: Please provide a full route description and map

SET-UP TIME (START/END): 1pm - 3pm

EVENT HOURS: 3pm - 5pm

DISMANTLE HOURS (START/END): Over @ 5pm

ESTIMATED ATTENDANCE: Est 2000

BASIS ON WHICH THIS ESTIMATE IS MADE: Prior 2-3 years

COMPREHENSIVE GENERAL LIABILITY INSURANCE REQUIRED: \$1,000,000. Please attach proof of insurance (or applicable rider).

## II. Applicant and Sponsoring Organization Information

SPONSORING ORGANIZATION NAME: Hazelwood Boosters

ARE YOU A NON PROFIT CORPORATION?  No  Yes If yes, are you 501c(3) 501c(6) Place of Worship

APPLICANT NAME: Alex McKay TITLE: President

ADDRESS: 343 Hazelwood Ave CITY: Waynesville STATE: Nc ZIP: 28786

PHONE: (828) 296-8528 FAX#: \_\_\_\_\_ EMAIL: Waynesville Archive@yahoo.com

ON-SITE CONTACT: Alex McKay / Peggy Hannah TITLE: \_\_\_\_\_  
(828) 550-3443

ADDRESS: \_\_\_\_\_

PHONE #: \_\_\_\_\_ CELL PHONE #: \_\_\_\_\_ EMAIL: \_\_\_\_\_

III. Brief Description of Event

Christmas Parade w/ Cars, Trucks, Floats + horse and buggy

IV. Street Closure Request (Attach map of the Street Closure)

List any street(s) (or lanes of streets) requiring temporary street closure as a result of this event. Include street name(s) indicating beginning and endpoints of the closing, day, date and time of closing and reopening:

- 1. Virginia Ave.
- 2. South Main st. (Hazelwood Ave - Virginia Ave.)
- 3. Hazelwood Ave.

V. Event Details

- |                                     |                                     |   |
|-------------------------------------|-------------------------------------|---|
| YES                                 | NO                                  |   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Does the event involve the sale or use of alcoholic beverages?<br>If yes, has the ABC permit been obtained? Yes <input type="checkbox"/> No <input type="checkbox"/> Please provide a graphic of the area where alcoholic beverages will be purchased or consumed (i.e. beer garden layout)       |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Does the event involve the sale of food? _____<br>If "YES", has the health department been notified? _____ Have you applied for a temporary permit? _____   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Does the event involve the sale of non-food items? If "YES" have you applied for a privilege license? _____   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Will there be musical entertainment at your event? If "YES" provide the following information:<br>Number of Stages: _____ Number of Band(s): _____ Amplification? _____<br><br>Note: If amplification is used, you will be required to perform a pretest for compliance with the noise ordinance. |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Do you plan to use an existing occupied building? Address _____   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Do you plan to use an existing vacant building? Address _____   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Will there be any tents or canopies in the proposed event site? Please provide the following information:<br>Approx. Number of Tents: _____ Will any tent exceed 400 sq. feet in area? <input type="checkbox"/> NO <input type="checkbox"/> YES   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Does the event involve the use of pyrotechnics? Explain _____   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Will you provide portable toilets for the general public attending your event? If so, how many and where will they be located? _____  |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Will you require electrical hookup for the event? Generators? _____   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Will you require access to water for the event? Explain _____   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Will admission fees be charged to attend this event? If "YES", provide the amount(s) of all tickets. _____  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Will fees be charged to vendors to participate in this event? If "YES", please provide the amount(s). _____   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Will signs and/or banners be displayed as part of the event? If "YES" have you applied for a sign permit? _____   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Will inflatable parade balloons be used for the event? Provide details if necessary.  |

**VI. Additional Questions**

How will parking be accommodated for this event? Dr. Browns, Urgent care, Haywood Matthews

Hazelwood Post office and Churches

- Notes:
1. Parking and buildings involved may be examined for ADA compliance.
  2. You may be required to provide a shuttle if the event places undue demands on surrounding parking areas.

How will trash be contained and removed during and after the event? T.O.W. can empty trash cans before and after, Hazelwood Booster will pick up trash on streets

Volunteers: Will you require Civilian Police Volunteers for your event? yes

**Apply for this permit at least 60 days prior to your special event. (30 days for a neighborhood street closing)**

**Return to:**  
**Amie Owens, Assistant Town Manager**  
**Town of Waynesville**  
**16 S. Main Street, P.O. Box 100, Waynesville, NC 28786**  
**Telephone: (828) 452-2491**  
**Fax No. : (828) 456-2000**  
**Email Address: [aowens@waynesvillenc.gov](mailto:aowens@waynesvillenc.gov)**

**VIII. Special Information for Applicants**

- \* Do not announce, advertise or promote your event until you have an approved and signed permit.
- \* You will be required to notify property owners affected by the event at the time a special events permit is issued with a copy of any correspondence provided to the Town for the permit file.
- \* **Only chalk may be used on streets – no permanent paint. No permanent alterations to the street will be permitted.**
- \* The Town has an ordinance prohibiting the use of tobacco and e-cigarettes in the business districts and all parks of the Town. The Applicant is to communicate this information to all vendors and participants. Permanent signs are in place in these districts and parks.
- \* The Town has an ordinance allowing animals at festivals. Any incidents should be reported to the Police Department.
- \* The Applicant shall be responsible for hiring and paying off-duty law enforcement officers, or reimbursing the Town for the costs of providing on-duty law enforcement officers, to appropriately police street closures. For festivals, the Applicant shall be additionally responsible for hiring and paying off-duty law enforcement officers, or reimbursing the Town for the costs of providing city staff, including but not limited to: on-duty law enforcement officers, to provide internal festival security and for hiring and paying necessary emergency medical technicians.
- \* The Assistant Town Manager, in consultation with the Waynesville Police Department, shall determine the number of officers needed to appropriately monitor street closures and for internal security, and with the Fire Department to determine the number of emergency medical technicians needed, and the time when such services shall commence and end.

**FOR INTERNAL USE ONLY:**

Application received: \_\_\_\_\_

Application approved: \_\_\_\_\_

Application denied: \_\_\_\_\_

**TOWN OF WAYNESVILLE BOARD OF ALDERMEN  
REQUEST FOR BOARD ACTION  
Meeting Date: October 11, 2022**

**SUBJECT:** Waynesville & Waynesville Rural Insurance Rating Report

**AGENDA INFORMATION:**

**Agenda Location:** Presentation  
**Item Number:**  
**Department:** Fire Department  
**Contact:** Joey Webb, Fire Chief  
**Presenter:** Joey Webb

**BRIEF SUMMARY:**

Waynesville Fire Department and rural Fire Districts completed its routine inspection. The inspection, conducted by officials with the Department of Insurance Office of State Fire Marshal (OSFM), is required on a regular basis as part of the North Carolina Response Rating System (NCRRS). Among other things, the routine inspections look for proper staffing levels, sufficient equipment, proper maintenance of equipment, communications capabilities and availability of a water source.

**MOTION FOR CONSIDERATION:**

No Motion Report only

**FUNDING SOURCE/IMPACT:**

No impact

**ATTACHMENTS:**

Letter and news release  
Summary Report

**MANAGER'S COMMENTS AND RECOMMENDATIONS:**

# **Public Protection Classification Summary Report**

**Waynesville and Waynesville Rural FD**

**NORTH CAROLINA**

**Prepared by**

**North Carolina Department of Insurance  
Office of State Fire Marshal  
1202 Mail Service Center  
Raleigh, NC 27699-1202  
(919) 647-0000**

**September 22, 2022**

## Background Information

### Introduction

Office of State Fire Marshal (**OSFM**) collects and evaluates information from communities in North Carolina on their structure fire suppression capabilities. The data is analyzed using our Fire Suppression Rating Schedule (**FSRS**) and then a Public Protection Classification (**PPC™**) grade is assigned to the community. The surveys are conducted whenever it appears that there is a possibility of a PPC change. As such, the PPC program provides important, up-to-date information about fire protection services throughout the country.

The FSRS recognizes fire protection features only as they relate to suppression of first alarm structure fires. In many communities, fire suppression may be only a small part of the fire department's overall responsibility. OSFM recognizes the dynamic and comprehensive duties of a community's fire service, and understands the complex decisions a community must make in planning and delivering emergency services. However, in developing a community's PPC grade, only features related to reducing property losses from structural fires are evaluated. Multiple alarms, simultaneous incidents and life safety are not considered in this evaluation. The PPC program evaluates the fire protection for small to average size buildings. Specific properties with a Needed Fire Flow more than 3,500 gpm are evaluated separately and assigned an individual PPC grade.

A community's investment in fire mitigation is a proven and reliable predictor of future fire losses. Statistical data on insurance losses bears out the relationship between excellent fire protection – as measured by the PPC program – and low fire losses. So, insurance companies use PPC information for marketing, underwriting, and to help establish fair premiums for homeowners and commercial fire insurance. In general, the price of fire insurance in a community with a good PPC grade is substantially lower than in a community with a poor PPC grade, assuming all other factors are equal.

OSFM's expert staff collects information about the fire suppression efforts in communities throughout North Carolina. In each of those communities, OSFM analyzes the relevant data and assigns a PPC grade – a number from 1 to 10. Class 1 represents an exemplary fire suppression program, and Class 10 indicates that the area's fire suppression program does not meet OSFM's minimum criteria.

OSFM's PPC program evaluates communities per a uniform set of criteria, incorporating nationally recognized standards developed by the National Fire Protection Association and the American Water Works Association. A community's PPC grade depends on:

- **Needed Fire Flows**, which are representative building locations used to determine the theoretical amount of water necessary for fire suppression purposes.
- **Emergency Communications**, including emergency reporting, Telecommunicators, and dispatching systems.
- **Fire Department**, including equipment, staffing, training, geographic distribution of fire companies, operational considerations, and community risk reduction.
- **Water Supply**, including inspection and flow testing of hydrants, alternative water supply operations, and a careful evaluation of the amount of available water compared with the amount needed to suppress fires up to 3,500 gpm.
- **Community Risk Reduction**, community efforts to reduce the risk of fire, including fire prevention codes and enforcement, public fire safety education, and fire investigation programs.

## Data Collection and Analysis

OSFM has evaluated and classified over 1,200 fire district across North Carolina using the FSRS. A combination of meetings between trained OSFM field representatives and the dispatch center coordinator, community fire official, and water superintendent is used in conjunction with a comprehensive questionnaire to collect the data necessary to determine the PPC grade. For a community to obtain a grade better than a Class 9, three elements of fire suppression features are reviewed. These three elements are Emergency Communications, Fire Department, and Water Supply.

A review of the **Emergency Communications** accounts for 10% of the total classification. This section is weighted at **10 points**, as follows:

- Emergency Reporting 3 points
- Telecommunicators 4 points
- Dispatch Circuits 3 points

A review of the **Fire Department** accounts for 50% of the total classification. OSFM focuses on a fire department's first alarm response and initial attack to minimize potential loss. The fire department section is weighted at **50 points**, as follows:

- Engine Companies 6 points
- Reserve Pumpers 0.5 points
- Pump Capacity 3 points
- Ladder/Service Companies 4 points
- Reserve Ladder/Service Trucks 0.5 points
- Deployment Analysis 10 points
- Company Personnel 15 points
- Training 9 points
- Operational considerations 2 points
- Community Risk Reduction 5.5 points (in addition to the 50 points above)

A review of the **Water Supply** system accounts for 40% of the total classification. OSFM reviews the water supply a community uses to determine the adequacy for fire suppression purposes. The water supply system is weighted at **40 points**, as follows:

- Credit for Supply System 30 points
- Hydrant Size, Type & Installation 3 points
- Inspection & Flow Testing of Hydrants 7 points

There is one additional factor considered in calculating the final score – **Divergence**.

Even the best fire department will be less than fully effective if it has an inadequate water supply. Similarly, even a superior water supply will be less than fully effective if the fire department lacks the equipment or personnel to use the water. The FSRS score is subject to modification by a divergence factor, which recognizes disparity between the effectiveness of the fire department and the water supply. The Divergence factor mathematically reduces the score based upon the relative difference between the fire department and water supply scores. The factor is introduced in the final equation.

## PPC Grade

The PPC grade assigned to the community will depend on the community's score on a 100-point scale:

PPC	Points
1	90.00 or more
2	80.00 to 89.99
3	70.00 to 79.99
4	60.00 to 69.99
5	50.00 to 59.99
6	40.00 to 49.99
7	30.00 to 39.99
8	20.00 to 29.99
9	10.00 to 19.99
10	0.00 to 9.99

The classification numbers are interpreted as follows:

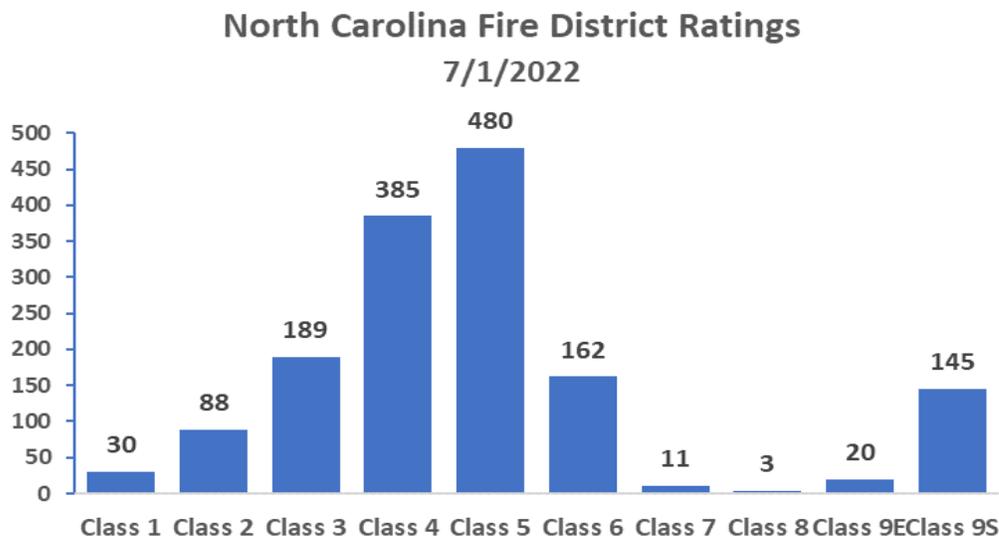
- Class 1 through (and including) Class 8 represents a fire suppression system that includes an FSRs creditable dispatch center, fire department, and water supply.
- Class 8B is a special classification that recognizes a superior level of fire protection in otherwise Class 9 areas. It is designed to represent a fire protection delivery system that is superior except for a lack of a water supply system capable of the minimum FSRs fire flow criteria of 250 gpm for 2 hours.
- Class 9 is a fire suppression system that includes a creditable dispatch center, fire department but no FSRs creditable water supply.
- Class 10 does not meet minimum OSFM criteria for recognition, including areas that are beyond five road miles of a recognized fire station.

## Distribution of PPC Grades

The 2018 published countrywide distribution of communities by the PPC grade is as follows:



The rating of the 1513 Fire Districts in North Carolina is as follow:



## Assistance

OSFM offers help to communities, fire departments, and other public officials as they plan for, budget, and justify improvements. OSFM is also available to assist in the understanding of the details of this evaluation.

## PPC Review

OSFM concluded its review of the fire suppression features being provided for Waynesville and Waynesville Rural FD. The resulting community classification is **Class 04/09**.

If the classification is a single class, the classification applies to properties with a Needed Fire Flow of 3,500 gpm or less in the community. If the classification is a split class (e.g., 6/9S):

- The first class (e.g., “6” in a 6/9S) applies to properties within 5 road miles of a recognized fire station and within 1,000 feet of a fire hydrant or alternate water supply.
- The second class (9S) applies to properties beyond 1,000 feet of a fire hydrant but within 5 road miles of a recognized fire station.
- Alternative Water Supply: The first class (e.g., “6” in a 6/10) applies to properties within 5 road miles of a recognized fire station with no hydrant distance requirement. There is an exception if the district has a 6-mile district then the properties between 5 and 6 miles will receive the rating of 9E
- Class 10 applies to properties over 5 or 6 road miles of a recognized fire station depending on if the district has an approved 6-mile district.
- Specific properties with a Needed Fire Flow more than 3,500 gpm are evaluated separately and assigned an individual classification.

<b>FSTRS Feature</b>	<b>Earned Credit</b>	<b>Credit Available</b>
<b>Emergency Communications</b>		
414. Credit for Emergency Reporting	<b>3.00</b>	<b>3</b>
422. Credit for Telecommunicators	<b>3.81</b>	<b>4</b>
432. Credit for Dispatch Circuits	<b>2.40</b>	<b>3</b>
<b>440. Credit for Emergency Communications</b>	<b>9.21</b>	<b>10</b>
<b>Fire Department</b>		
513. Credit for Engine Companies	<b>5.60</b>	<b>6</b>
523. Credit for Reserve Pumpers	<b>0.00</b>	<b>0.50</b>
532. Credit for Pump Capacity	<b>3.00</b>	<b>3</b>
549. Credit for Ladder Service	<b>1.60</b>	<b>4</b>
553. Credit for Reserve Ladder and Service Trucks	<b>0.23</b>	<b>0.50</b>
561. Credit for Deployment Analysis	<b>3.86</b>	<b>10</b>
571. Credit for Company Personnel	<b>7.37</b>	<b>15</b>
581. Credit for Training	<b>5.10</b>	<b>9</b>
730. Credit for Operational Considerations	<b>2.00</b>	<b>2</b>
<b>590. Credit for Fire Department</b>	<b>28.76</b>	<b>50</b>
<b>Water Supply</b>		
616. Credit for Supply System	<b>20.64</b>	<b>30</b>
621. Credit for Hydrants	<b>3.00</b>	<b>3</b>
631. Credit for Inspection and Flow Testing	<b>7.00</b>	<b>7</b>
<b>640. Credit for Water Supply</b>	<b>30.64</b>	<b>40</b>
<b>Divergence</b>	<b>-3.82</b>	<b>--</b>
<b>1050. Community Risk Reduction</b>	<b>4.35</b>	<b>5.50</b>
<b>Total Credit</b>	<b>69.14</b>	<b>105.50</b>

## **Emergency Communications**

Ten percent of a community's overall score is based on how well the communications center receives and dispatches fire alarms. Our field representative evaluated:

- Communications facilities provided for the general public to report structure fires
- Enhanced 9-1-1 Telephone Service including wireless
- Computer-aided dispatch (CAD) facilities
- Alarm receipt and processing at the communication center
- Training and certification of Telecommunicators
- Facilities used to dispatch fire department companies to reported structure fires

	<b>Earned Credit</b>	<b>Credit Available</b>
414. Credit Emergency Reporting	<b>3.00</b>	3
422. Credit for Telecommunicators	<b>3.81</b>	4
432. Credit for Dispatch Circuits	<b>2.40</b>	3
<b>Item 440. Credit for Emergency Communications:</b>	<b>9.21</b>	<b>10</b>

**Item 414 - Credit for Emergency Reporting (3 points)**

The first item reviewed is Item 414 "Credit for Emergency Reporting (CER)". This item reviews the emergency communication center facilities provided for the public to report fires including 911 systems (Basic or Enhanced), Wireless Phase I and Phase II, Voice over Internet Protocol, Computer Aided Dispatch and Geographic Information Systems for automatic vehicle location. OSFM uses National Fire Protection Association (NFPA) 1221, *Standard for the Installation, Maintenance and Use of Emergency Services Communications Systems* as the reference for this section.

<b>Item 410. Emergency Reporting (CER)</b>	<b>Earned Credit</b>	<b>Credit Available</b>
<p><b>A./B. Basic 9-1-1, Enhanced 9-1-1 or No 9-1-1</b></p> <p>For maximum credit, there should be an Enhanced 9-1-1 system, Basic 9-1-1 and No 9-1-1 will receive partial credit.</p>	<b>20.00</b>	<b>20</b>
<p><b>1. E9-1-1 Wireless</b></p> <p>Wireless Phase I using Static ALI (automatic location identification) Functionality (10 points); Wireless Phase II using Dynamic ALI Functionality (15 points); Both available will be 25 points</p>	<b>25.00</b>	<b>25</b>
<p><b>2. E9-1-1 Voice over Internet Protocol (VoIP)</b></p> <p>Static VoIP using Static ALI Functionality (10 points); Nomadic VoIP using Dynamic ALI Functionality (15 points); Both available will be 25 points</p>	<b>25.00</b>	<b>25</b>
<p><b>3. Computer Aided Dispatch</b></p> <p>Basic CAD (5 points); CAD with Management Information System (5 points); CAD with Interoperability (5 points)</p>	<b>15.00</b>	<b>15</b>
<p><b>4. Geographic Information System (GIS/AVL)</b></p> <p><u>The PSAP uses</u> a fully integrated CAD/GIS management system with automatic vehicle location (AVL) integrated with a CAD system providing dispatch assignments.</p> <p>The individual fire departments being dispatched <u>do not</u> need GIS/AVL capability to obtain this credit.</p>	<b>15.00</b>	<b>15</b>
<p><b>Review of Emergency Reporting total:</b></p>	<b>100.00</b>	<b>100</b>

**Item 422- Credit for Telecommunicators (4 points)**

The second item reviewed is Item 422 “Credit for Telecommunicators (TC)”. This item reviews the number of Telecommunicators on duty at the center to handle fire calls and other emergencies. All emergency calls including those calls that do not require fire department action are reviewed to determine the proper staffing to answer emergency calls and dispatch the appropriate emergency response. NFPA 1221, *Standard for the Installation, Maintenance and Use of Emergency Services Communications Systems*, recommends that ninety-five percent of emergency calls shall be answered within 15 seconds and ninety-nine percent of emergency calls shall be answered within 40 seconds. In addition, NFPA recommends that ninety percent of emergency alarm processing shall be completed within 60 seconds and ninety-nine percent of alarm processing shall be completed within 90 seconds of answering the call.

To receive full credit for operators on duty, OSFM must review documentation to show that the communication center meets NFPA 1221 call answering and dispatch time performance measurement standards. This documentation may be in the form of performance statistics or other performance measurements compiled by the 9-1-1 software or other software programs that are currently in use such as Computer Aided Dispatch (CAD) or Management Information System (MIS).

<b>Item 420. Telecommunicators (CTC)</b>	<b>Earned Credit</b>	<b>Credit Available</b>
<p><b>A1. Alarm Receipt (AR)</b></p> <p>Receipt of alarms shall meet the requirements in accordance with the criteria of NFPA 1221</p>	<b>20.00</b>	<b>20</b>
<p><b>A2. Alarm Processing (AP)</b></p> <p>Processing of alarms shall meet the requirements in accordance with the criteria of NFPA 1221</p>	<b>15.20</b>	<b>20</b>
<p><b>B. Emergency Dispatch Protocols (EDP)</b></p> <p>Telecommunicators have emergency dispatch protocols (EDP) containing questions and a decision-support process to facilitate correct call categorization and prioritization.</p>	<b>20.00</b>	<b>20</b>
<p><b>C. Telecommunicator Training and Certification (TTC)</b></p> <p>Telecommunicators meet the qualification requirements referenced in NFPA 1061, <i>Standard for Professional Qualifications for Public Safety Telecommunicator</i>, and/or the Association of Public-Safety Communications Officials - International (APCO) <i>Project 33</i>. Telecommunicators are certified in the knowledge, skills, and abilities corresponding to their job functions.</p>	<b>20.00</b>	<b>20</b>
<p><b>D. Telecommunicator Continuing Education and Quality Assurance (TQA)</b></p> <p>Telecommunicators participate in continuing education and/or in-service training and quality-assurance programs as appropriate for their positions</p>	<b>20.00</b>	<b>20</b>
<p><b>Review of Telecommunicators total:</b></p>	<b>95.20</b>	<b>100</b>

### **Item 432 - Credit for Dispatch Circuits (3 points)**

The third item reviewed is Item 432 “Credit for Dispatch Circuits (CDC)”. This item reviews the dispatch circuit facilities used to transmit alarms to fire department members. A “Dispatch Circuit” is defined in NFPA 1221 as “A circuit over which an alarm is transmitted from the communications center to an emergency response facility (ERF) or emergency response units (ERUs) to notify ERUs to respond to an emergency”. All fire departments (except single fire station departments with full-time firefighter personnel receiving alarms directly at the fire station) need adequate means of notifying all firefighter personnel of the location of reported structure fires. The dispatch circuit facilities should be in accordance with the general criteria of NFPA 1221. “Alarms” are defined in this Standard as “A signal or message from a person or device indicating the existence of an emergency or other situation that requires action by an emergency response agency”.

There are two different levels of dispatch circuit facilities provided for in the Standard – a primary dispatch circuit and a secondary dispatch circuit. In jurisdictions that receive 730 alarms or more per year (average of two alarms per 24-hour period), two separate and dedicated dispatch circuits, a primary and a secondary, are needed. In jurisdictions receiving fewer than 730 alarms per year, a second dedicated dispatch circuit is not needed. Dispatch circuit facilities installed but not used or tested (in accordance with the NFPA Standard) receive no credit.

The score for Credit for Dispatch Circuits (CDC) is influenced by monitoring for integrity of the primary dispatch circuit. There are up to 0.90 points available for this Item. Monitoring for integrity involves installing automatic systems that will detect faults and failures and send visual and audible indications to appropriate communications center (or dispatch center) personnel. OSFM uses NFPA 1221 to guide the evaluation of this item. OSFM's evaluation also includes a review of the communication system's emergency power supplies.

**Item 432 “Credit for Dispatch Circuits (CDC)” = 2.40 points**

## **Fire Department**

Fifty percent of a community's overall score is based upon the fire department's structure fire suppression system. OSFM's field representative evaluated:

- Engine and ladder/service vehicles including reserve apparatus
- Equipment carried
- Response to reported structure fires
- Deployment analysis of companies
- Available and/or responding firefighters
- Training

	<b>Earned Credit</b>	<b>Credit Available</b>
513. Credit for Engine Companies	<b>5.60</b>	6
523. Credit for Reserve Pumpers	<b>0.00</b>	0.5
532. Credit for Pumper Capacity	<b>3.00</b>	3
549. Credit for Ladder Service	<b>1.60</b>	4
553. Credit for Reserve Ladder and Service Trucks	<b>0.23</b>	0.5
561. Credit for Deployment Analysis	<b>3.86</b>	10
571. Credit for Company Personnel	<b>7.37</b>	15
581. Credit for Training	<b>5.10</b>	9
730. Credit for Operational Considerations	<b>2.00</b>	2
<b>Item 590. Credit for Fire Department:</b>	<b>28.76</b>	<b>50</b>

## **Basic Fire Flow**

The Basic Fire Flow for the community is determined by the review of the Needed Fire Flows for selected buildings in the community. The fifth largest Needed Fire Flow is determined to be the Basic Fire Flow. The Basic Fire Flow has been determined to be 3500 gpm.

### **Item 513 - Credit for Engine Companies (6 points)**

The first item reviewed is Item 513 "Credit for Engine Companies (CEC)". This item reviews the number of engine companies, their pump capacity, hose testing, pump testing and the equipment carried on the in-service pumpers. To be recognized, pumper apparatus must meet the general criteria of NFPA 1901, *Standard for Automotive Fire Apparatus* which include a minimum 250 gpm pump, an emergency warning system, a 300-gallon water tank, and hose. At least 1 apparatus must have a permanently mounted pump rated at 750 gpm or more at 150 psi.

The review of the number of needed pumpers considers the response distance to built-upon areas; the Basic Fire Flow; and the method of operation. Multiple alarms, simultaneous incidents, and life safety are not considered.

The greatest value of A, B, or C below is needed in the fire district to suppress fires in structures with a Needed Fire Flow of 3,500 gpm or less: **3 engine companies**

- a) **2 engine companies** to provide fire suppression services to areas to meet NFPA 1710 criteria or within 1½ miles.
- b) **3 engine companies** to support a Basic Fire Flow of 3500 gpm.
- c) **3 engine companies** based upon the fire department's method of operation to provide a minimum two engine response to all first alarm structure fires.

The FSRS recognizes that there are **3 engine companies** in service.

The FSRS also reviews Automatic Aid. Automatic Aid is considered in the review as assistance dispatched automatically by contractual agreement between two communities or fire districts. That differs from mutual aid or assistance arranged case by case. OSFM will recognize an Automatic Aid plan under the following conditions:

- It must be prearranged for first alarm response according to a definite plan. It is preferable to have a written agreement, but OSFM may recognize demonstrated performance.
- The aid must be dispatched to all reported structure fires on the initial alarm.
- The aid must be provided 24 hours a day, 365 days a year.

FSRS Item 512.D "Automatic Aid Engine Companies" responding on first alarm and meeting the needs of the city for basic fire flow and/or distribution of companies are factored based upon the value of the Automatic Aid plan (up to 1.00 can be used as the factor). The Automatic Aid factor is determined by a review of the Automatic Aid provider's communication facilities, how they receive alarms from the graded area, inter-department training between fire departments, and the fire ground communications capability between departments.

For each engine company, the credited Pump Capacity (PC), the Hose Carried (HC), the Equipment Carried (EC) all contribute to the calculation for the percent of credit the FSRS provides to that engine company.

**Item 513 "Credit for Engine Companies (CEC)" = 5.60 points**

### **Item 523 - Credit for Reserve Pumpers (0.50 points)**

The item is Item 523 “Credit for Reserve Pumpers (CRP)”. This item reviews the number and adequacy of the pumpers and their equipment. The number of needed reserve pumpers is 1 for each 8 needed engine companies determined in Item 513, or any fraction thereof.

**Item 523 “Credit for Reserve Pumpers (CRP)” = 0.00 points**

### **Item 532 – Credit for Pumper Capacity (3 points)**

The next item reviewed is Item 532 “Credit for Pumper Capacity (CPC)”. The total pump capacity available should be sufficient for the Basic Fire Flow of 3500 gpm. The maximum needed pump capacity credited is the Basic Fire Flow of the community.

**Item 532 “Credit for Pumper Capacity (CPC)” = 3.00 points**

### **Item 549 – Credit for Ladder Service (4 points)**

The next item reviewed is Item 549 “Credit for Ladder Service (CLS)”. This item reviews the number of response areas within the city with 5 buildings that are 3 or more stories or 35 feet or more in height, or with 5 buildings that have a Needed Fire Flow greater than 3,500 gpm, or any combination of these criteria. The height of all buildings in the city, including those protected by automatic sprinklers, is considered when determining the number of needed ladder companies. Response areas not needing a ladder company should have a service company. Ladders, tools and equipment normally carried on ladder trucks are needed not only for ladder operations but also for forcible entry, ventilation, salvage, overhaul, lighting and utility control.

The number of ladder or service companies, the height of the aerial ladder, aerial ladder testing and the equipment carried on the in-service ladder trucks and service trucks is compared with the number of needed ladder trucks and service trucks and an FSRS equipment list. Ladder trucks must meet the general criteria of NFPA 1901, *Standard for Automotive Fire Apparatus* to be recognized.

The number of needed ladder-service trucks is dependent upon the number of buildings 3 stories or 35 feet or more in height, buildings with a Needed Fire Flow greater than 3,500 gpm, and the method of operation.

The FSRS recognizes that there are **1 ladder companies** in service. These companies are needed to provide fire suppression services to areas to meet NFPA 1710 criteria or within 2½ miles and the number of buildings with a Needed Fire Flow over 3,500 gpm or 3 stories or more in height, or the method of operation.

The FSRS recognizes that there are **0 service companies** in service.

**Item 549 “Credit for Ladder Service (CLS)” = 1.60 points**

### **Item 553 – Credit for Reserve Ladder and Service Trucks (0.50 points)**

The next item reviewed is Item 553 “Credit for Reserve Ladder and Service Trucks (CRLS)”. This item considers the adequacy of ladder and service apparatus when one (or more in larger communities) of these apparatus are out of service. The number of needed reserve ladder and service trucks is 1 for each 8 needed ladder and service companies that were determined to be needed in Item 540, or any fraction thereof.

**Item 553 “Credit for Reserve Ladder and Service Trucks (CRLS)” = 0.23 points**

### **Item 561 – Deployment Analysis (10 points)**

Next, Item 561 “Deployment Analysis (DA)” is reviewed. This Item examines the number and adequacy of existing engine and ladder-service companies to cover built-upon areas of the city.

To determine the Credit for Distribution, first the Existing Engine Company (EC) points and the Existing Engine Companies (EE) determined in Item 513 are considered along with Ladder Company Equipment (LCE) points, Service Company Equipment (SCE) points, Engine-Ladder Company Equipment (ELCE) points, and Engine-Service Company Equipment (ESCE) points determined in Item 549.

Secondly, as an alternative to determining the number of needed engine and ladder/service companies through the road-mile analysis, a fire protection area may use the results of a systematic performance evaluation. This type of evaluation analyzes computer-aided dispatch (CAD) history to demonstrate that, with its current deployment of companies, the fire department meets the time constraints for initial arriving engine and initial full alarm assignment in accordance with the general criteria of in NFPA 1710, *Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments*.

A determination is made of the percentage of built upon area within 1½ miles of a first-due engine company and within 2½ miles of a first-due ladder-service company.

**Item 561 “Credit Deployment Analysis (DA)” = 3.86 points**

### **Item 571 – Credit for Company Personnel (15 points)**

Item 571 “Credit for Company Personnel (CCP)” reviews the average number of existing firefighters and company officers available to respond to reported first alarm structure fires in the city.

The on-duty strength is determined by the yearly average of total firefighters and company officers on-duty considering vacations, sick leave, holidays, “Kelley” days and other absences. When a fire department operates under a minimum staffing policy, this may be used in lieu of determining the yearly average of on-duty company personnel.

Firefighters on apparatus not credited under Items 513 and 549 that regularly respond to reported first alarms to aid engine, ladder, and service companies are included in this item as increasing the total company strength.

Firefighters staffing ambulances or other units serving the general public are credited if they participate in fire-fighting operations, the number depending upon the extent to which they are available and are used for response to first alarms of fire.

On-Call members are credited based on the average number staffing apparatus on first alarms. Off-shift career firefighters and company officers responding on first alarms are considered on the same basis as on-call personnel. For personnel, not normally at the fire station, the number of responding firefighters and company officers is divided by 3 to reflect the time needed to assemble at the fire scene and the reduced ability to act as a team due to the various arrival times at the fire location when compared to the personnel on-duty at the fire station during the receipt of an alarm.

The number of Public Safety Officers who are positioned in emergency vehicles within the jurisdiction boundaries may be credited based on availability to respond to first alarm structure fires. In recognition of this increased response capability the number of responding Public Safety Officers is divided by 2.

The average number of firefighters and company officers responding with those companies credited as Automatic Aid under Items 513 and 549 are considered for either on-duty or on-call company personnel as is appropriate. The actual number is calculated as the average number of company personnel responding multiplied by the value of AA Plan determined in Item 512.D.

The maximum creditable response of on-duty and on-call firefighters is 12, including company officers, for each existing engine and ladder company and 6 for each existing service company.

Chief Officers are not creditable except when more than one chief officer responds to alarms; then extra chief officers may be credited as firefighters if they perform company duties.

The FSRS recognizes **5.71 on-duty personnel** and an average of **2.50 on-call personnel** responding on first alarm structure fires.

**Item 571 “Credit for Company Personnel (CCP)” = 7.37 points**

**Item 581 – Credit for Training (9 points)**

<b>Training</b>	<b>Earned Credit</b>	<b>Credit Available</b>
<p><b>A. Facilities, and Use</b> For maximum credit, each firefighter should receive 18 hours per year in structure fire related subjects as outlined in NFPA 1001.</p>	<b>4.55</b>	<b>35</b>
<p><b>B. Company Training</b> For maximum credit, each firefighter should receive 16 hours per month in structure fire related subjects as outlined in NFPA 1001.</p>	<b>16.47</b>	<b>25</b>
<p><b>C. Classes for Officers</b> For maximum credit, each officer should be certified in accordance with the general criteria of NFPA 1021. Additionally, each officer should receive 12 hours of continuing education on or off site.</p>	<b>9.15</b>	<b>12</b>
<p><b>D. New Driver and Operator Training</b> For maximum credit, each new driver and operator should receive 60 hours of driver/operator training per year in accordance with NFPA 1002 and NFPA 1451.</p>	<b>5.00</b>	<b>5</b>
<p><b>E. Existing Driver and Operator Training</b> For maximum credit, each existing driver and operator should receive 12 hours of driver/operator training per year in accordance with NFPA 1002 and NFPA 1451.</p>	<b>4.74</b>	<b>5</b>
<p><b>F. Training on Hazardous Materials</b> For maximum credit, each firefighter should receive 6 hours of training for incidents involving hazardous materials in accordance with NFPA 472.</p>	<b>0.38</b>	<b>1</b>
<p><b>G. Recruit Training</b> For maximum credit, each firefighter should receive 240 hours of structure fire related training in accordance with NFPA 1001 within the first year of employment or tenure.</p>	<b>5.00</b>	<b>5</b>
<p><b>H. Pre-Fire Planning Inspections</b> For maximum credit, pre-fire planning inspections of each commercial, industrial, institutional, and other similar type building (all buildings except 1-4 family dwellings) should be made annually by company members. Records of inspections should include up-to date notes and sketches.</p>	<b>11.40</b>	<b>12</b>

**Item 580 “Credit for Training (CT)” = 5.10 points**

### Item 730 – Operational Considerations (2 points)

Item 730 “Credit for Operational Considerations (COC)” evaluates fire department standard operating procedures and incident management systems for emergency operations involving structure fires.

<b>Operational Considerations</b>	<b>Earned Credit</b>	<b>Credit Available</b>
<b>Standard Operating Procedures</b> The department should have established SOPs for fire department general emergency operations	<b>50</b>	<b>50</b>
<b>Incident Management Systems</b> The department should use an established incident management system (IMS)	<b>50</b>	<b>50</b>
<b>Operational Considerations total:</b>	<b>100</b>	<b>100</b>

Item 730 “Credit for Operational Considerations (COC)” = 2.00 points

### Water Supply

Forty percent of a community's overall score is based on the adequacy of the water supply system. The OSFM field representative evaluated:

- the capability of the water distribution system to meet the Needed Fire Flows at selected locations up to 3,500 gpm.
- size, type and installation of fire hydrants.
- inspection and flow testing of fire hydrants.

	<b>Earned Credit</b>	<b>Credit Available</b>
616. Credit for Supply System	<b>20.64</b>	30
621. Credit for Hydrants	<b>3.00</b>	3
631. Credit for Inspection and Flow Testing	<b>7.00</b>	7
<b>Item 640. Credit for Water Supply:</b>	<b>30.64</b>	<b>40</b>

### **Item 616 – Credit for Supply System (30 points)**

The first item reviewed is Item 616 “Credit for Supply System (CSS)”. This item reviews the rate of flow that can be credited at each of the Needed Fire Flow test locations considering the supply works capacity, the main capacity and the hydrant distribution. The lowest flow rate of these items is credited for each representative location. A water system capable of delivering 250 gpm or more for a period of two hours plus consumption at the maximum daily rate at the fire location is considered minimum in the OSFM review.

Where there are 2 or more systems or services distributing water at the same location, credit is given based on the joint protection provided by all systems and services available.

The supply works capacity is calculated for each representative Needed Fire Flow test location, considering a variety of water supply sources. These include public water supplies, emergency supplies (usually accessed from neighboring water systems), suction supplies (usually evidenced by dry hydrant installations near a river, lake or other body of water), and supplies developed by a fire department using large diameter hose or vehicles to shuttle water from a source of supply to a fire site. The result is expressed in gallons per minute (gpm).

The normal ability of the distribution system to deliver Needed Fire Flows at the selected building locations is reviewed. The results of a flow test at a representative test location will indicate the ability of the water mains (or fire department in the case of fire department supplies) to carry water to that location.

The hydrant distribution is reviewed within 1,000 feet of representative test locations measured as hose can be laid by apparatus.

For maximum credit, the Needed Fire Flows should be available at each location in the district. Needed Fire Flows of 2,500 gpm or less should be available for 2 hours; and Needed Fire Flows of 3,000 and 3,500 gpm should be obtainable for 3 hours.

**Item 616 “Credit for Supply System (CSS)” = 20.64 points**

**Item 621 – Credit for Hydrants (3 points)**

The second item reviewed is Item 621 “Credit for Hydrants (CH)”. This item reviews the number of fire hydrants of each type compared with the total number of hydrants.

There are a total of 652 hydrants in the graded area.

<b>620. Hydrants, - Size, Type and Installation</b>	<b>Number of Hydrants</b>
<b>A. With a 6 -inch or larger branch and a pumper outlet with or without 2½ - inch outlets</b>	<b>652</b>
<b>B. With a 6 -inch or larger branch and no pumper outlet but two or more 2½ -inch outlets, or with a small foot valve, or with a small barrel</b>	<b>0</b>
<b>C/D. With only a 2½ -inch outlet or with less than a 6 -inch branch</b>	<b>0</b>
<b>E/F. Flush Type, Cistern, or Suction Point</b>	<b>0</b>

**Item 621 “Credit for Hydrants (CH)” = 3.00 points**

**Item 630 – Credit for Inspection and Flow Testing (7 points)**

The third item reviewed is Item 630 “Credit for Inspection and Flow Testing (CIT)”. This item reviews the fire hydrant inspection frequency, and the completeness of the inspections. Inspection of hydrants should be in accordance with AWWA M-17, *Installation, Field Testing and Maintenance of Fire Hydrants*.

**Frequency of Inspection (FI):** Average interval between the 3 most recent inspections.

<b>Frequency</b>	<b>Points</b>
1 year	30
2 years	20
3 years	10
4 years	5
5 years or more	No Credit

**Note:** The points for inspection frequency are reduced by 10 points if the inspections are incomplete or do not include a flushing program. An additional reduction of 10 points are made if hydrants are not subjected to full system pressure during inspections. If the inspection of cisterns or suction points does not include actual drafting with a pumper, or back-flushing for dry hydrants, 20 points are deducted.

**Total points for Inspections = 4.00 points**

**Frequency of Fire Flow Testing (FF):** Average interval between the 3 most recent inspections.

<b>Frequency</b>	<b>Points</b>
5 years	40
6 years	30
7 years	20
8 years	10
9 years	5
10 years or more	No Credit

**Total points for Fire Flow Testing = 3.00 points**

**Item 631 “Credit for Inspection and Fire Flow Testing (CIT)” = 7.00 points**

**Divergence = -3.82**

The Divergence factor mathematically reduces the score based upon the relative difference between the fire department and water supply scores. The factor is introduced in the final equation.

**Community Risk Reduction**

	<b>Earned Credit</b>	<b>Credit Available</b>
1025. Credit for Fire Prevention and Code Enforcement (CPCE)	<b>1.67</b>	2.2
1033. Credit for Public Fire Safety Education (CFSE)	<b>1.75</b>	2.2
1044. Credit for Fire Investigation Programs (CIP)	<b>0.93</b>	1.1
<b>Item 1050. Credit for Community Risk Reduction</b>	<b>4.35</b>	<b>5.50</b>

<b>Item 1025 – Credit for Fire Prevention Code Adoption and Enforcement (2.2 points)</b>	<b>Earned Credit</b>	<b>Credit Available</b>
<b>Fire Prevention Code Regulations (PCR)</b> Evaluation of fire prevention code regulations in effect.	10.00	10
<b>Fire Prevention Staffing (PS)</b> Evaluation of staffing for fire prevention activities.	1.58	8
<b>Fire Prevention Certification and Training (PCT)</b> Evaluation of the certification and training of fire prevention code enforcement personnel.	3.75	6
<b>Fire Prevention Programs (PCP)</b> Evaluation of fire prevention programs.	15.10	16
<b>Review of Fire Prevention Code and Enforcement (CPCE) subtotal:</b>	30.43	40

<b>Item 1033 – Credit for Public Fire Safety Education (2.2 points)</b>	<b>Earned Credit</b>	<b>Credit Available</b>
<b>Public Fire Safety Educators Qualifications and Training (FSQT)</b> Evaluation of public fire safety education personnel training and qualification as specified by the authority having jurisdiction.	7.00	10
<b>Public Fire Safety Education Programs (FSP)</b> Evaluation of programs for public fire safety education.	24.75	30
<b>Review of Public Safety Education Programs (CFSE) subtotal:</b>	31.75	40

<b>Item 1044 – Credit for Fire Investigation Programs (1.1 points)</b>	<b>Earned Credit</b>	<b>Credit Available</b>
<b>Fire Investigation Organization and Staffing (IOS)</b> Evaluation of organization and staffing for fire investigations.	8.00	8
<b>Fire Investigator Certification and Training (IQT)</b> Evaluation of fire investigator certification and training.	2.85	6
<b>Use of National Fire Incident Reporting System (IRS)</b> Evaluation of the use of the National Fire Incident Reporting System (NFIRS) for the 3 years before the evaluation.	6.00	6
<b>Review of Fire Investigation Programs (CIP) subtotal:</b>	16.85	20

**Summary of PPC Review**  
**for**  
**Waynesville and Waynesville Rural FD**

FSRS Item	Earned Credit	Credit Available
<b>Emergency Communications</b>		
414. Credit for Emergency Reporting	3.00	3
422. Credit for Telecommunicators	3.81	4
432. Credit for Dispatch Circuits	2.40	3
<b>440. Credit for Emergency Communications</b>	<b>9.21</b>	<b>10</b>
<b>Fire Department</b>		
513. Credit for Engine Companies	5.60	6
523. Credit for Reserve Pumpers	0.00	0.5
532. Credit for Pumper Capacity	3.00	3
549. Credit for Ladder Service	1.60	4
553. Credit for Reserve Ladder and Service Trucks	0.23	0.5
561. Credit for Deployment Analysis	3.86	10
571. Credit for Company Personnel	7.37	15
581. Credit for Training	5.10	9
730. Credit for Operational Considerations	2.00	2
<b>590. Credit for Fire Department</b>	<b>28.76</b>	<b>50</b>
<b>Water Supply</b>		
616. Credit for Supply System	20.64	30
621. Credit for Hydrants	3.00	3
631. Credit for Inspection and Flow Testing	7.00	7
<b>640. Credit for Water Supply</b>	<b>30.64</b>	<b>40</b>
<b>Divergence</b>	<b>-3.82</b>	<b>--</b>
<b>1050. Community Risk Reduction</b>	<b>4.35</b>	<b>5.50</b>
<b>Total Credit</b>	<b>69.14</b>	<b>105.5</b>

**Final Community Classification = 04/09**



## RATINGS AND INSPECTIONS

Tel 919.647.0000 Fax 919.715.0063

MIKE CAUSEY, INSURANCE COMMISSIONER & STATE FIRE MARSHAL  
BRIAN TAYLOR, CHIEF STATE FIRE MARSHAL

September 22, 2022

Joey Webb Sr  
Fire Chief  
1022 N. Main Street  
Waynesville, NC 28786

Re: Waynesville Fire Department

Dear Chief Webb Sr:

Congratulations on recently completing your fire suppression rating survey!

I commend you and your department for your dedication and commitment to making your community a safer place to live.

I know you are proud of your department's achievement and would like to share this news with the members of your community. I also know that the majority of citizens may not be aware that the rating of their responding fire department directly impacts their property insurance calculations.

It was the pleasure of my staff to work with you and members of your staff during the recent survey of your department. Chief Webb Sr, I hope that you will take a few minutes to review our rating process and offer any suggestions that you feel may help us to improve our inspections program. Working together, we can continue to make North Carolina a safer place to live and work.

With warmest personal regard, I remain,

Very truly yours,

Mike Causey  
Insurance Commissioner, State Fire Marshal

MC/sl



## RATINGS AND INSPECTIONS

Tel 919.647.0000 Fax 919.715.0063

MIKE CAUSEY, INSURANCE COMMISSIONER & STATE FIRE MARSHAL  
BRIAN TAYLOR, CHIEF STATE FIRE MARSHAL

For Immediate Release

Contact: Marla Sink  
(919) 807-6017

September 22, 2022

# Fire District Receives Rating After Inspection

## State Officials Award District Rating

**RALEIGH** - North Carolina Insurance Commissioner and State Fire Marshal Mike Causey announced today that the following Fire Districts completed its routine inspection and received listed rating on listed effective dates. The inspection, conducted by officials with the Department of Insurance Office of State Fire Marshal (OSFM), is required on a regular basis as part of the North Carolina Response Rating System (NCRRS). Among other things, the routine inspections look for proper staffing levels, sufficient equipment, proper maintenance of equipment, communications capabilities and availability of a water source.

District	Type	Rating	Effective
-----	-----	-----	-----
Waynesville	Municipal	4	01/01/2023
Waynesville Rural	Rural	4/9E	01/01/2023

The NCRRS rating system ranges from one (highest) to 10 (not recognized as a certified fire department by the state), with most rural departments falling into the 9S category. While lower ratings do not necessarily indicate poor service, a higher rating does suggest that a department is overall better equipped to respond to fires in its district. Higher ratings can also significantly lower homeowners insurance rates in that fire district.

"I'd like to congratulate Chief Webb Sr for the department's performance and for the hard work of all the department members," said Commissioner Causey. "The citizens in the these Fire Districts should rest easy knowing they have a fine group of firefighters protecting them and their property in case of an emergency."

State law requires OSFM officials to inspect departments serving districts of 100,000 people or less, which makes up all but twelve of the state's fire districts.

-NCDOI-

**TOWN OF WAYNESVILLE BOARD OF ALDERMEN**  
**REQUEST FOR BOARD ACTION**  
**Meeting Date: October 11, 2022**

**SUBJECT:** Call for a Public Hearing for November 8, 2022 to consider the text amendment related to cottages and conservation subdivision designs, Sections 2.5.3, 15.9, and 17.3 of the Land Development Standards (LDS).

**AGENDA INFORMATION:**

**Agenda Location:** New Business  
**Item Number:**  
**Department:** Development Services  
**Contact:** Olga Grooman  
**Presenter:** Olga Grooman

**BRIEF SUMMARY:**

The Planning Board took action to create a Subdivision Subcommittee at the meeting on November 15, 2021. The group consisted of four Board members and two Development Services staff members. One of the focus areas was the 2035 Plan Goal to preserve Waynesville's natural and cultural resources in the context of rapid development. The group determined that alternative subdivision options, such as tiny homes or cottage developments as well as conservation subdivisions, would create opportunities for developers to design creatively, preserve additional open space, and provide a variety of housing options.

A cottage subdivision would be a smaller, clustered development around a common courtyard or with a shared open space, parking, and driveways. It could include single or two-family residences or a mix of commercial and residential uses, as permitted by the zoning district. It is a smaller, more diverse, and affordable housing option that would appeal to a variety of households: retirees, young professionals, and small families. Cottages must be built to the NC Building Code standards. RVs and manufactured homes do not qualify as cottages.

A conservation subdivision is a subdivision design that helps to preserve undivided, buildable tracts of land as communal open space. Such subdivision would be exempt from the minimum lot size requirements in exchange for at least 50% of the site being dedicated to an open space or preserve. The ownership of the conservation lands would be assigned to a homeowner's association or land trust, unless certain areas, such as preserves and greenways, are dedicated to the Town with the Board of Aldermen's approval.

**MOTIONS FOR CONSIDERATION:**

1. Motion to call for a Public Hearing on November 8, 2022, to consider the text amendment related to cottages and conservation subdivision designs, as recommended by the Planning Board.

**FUNDING SOURCE/IMPACT:**

N/A

**ATTACHMENTS:**

1. Proposed Text Amendment

**MANAGER'S COMMENTS AND RECOMMENDATIONS:**

**ORDINANCE NO. \_\_\_\_\_**

**AN ORDINANCE AMENDING THE TEXT OF THE  
TOWN OF WAYNESVILLE LAND DEVELOPMENT STANDARDS**

**WHEREAS**, the Town of Waynesville has the authority, pursuant to Article 7 of Chapter 160D of the North Carolina General Statutes, to adopt land development regulations, clarify such regulations, and may amend said regulations from time to time in the interest of the public health, safety, and welfare; and

**WHEREAS**, the Town of Waynesville Planning Board has reviewed the proposed text amendments to the Land Development Standards (LDS) and recommends that they are consistent with the 2035 Comprehensive Plan and that they are reasonable and in the public interest because they support the following goals:

- Goal 1: Continue to promote smart growth principles in land use planning and zoning.
- Encourage in-fill, mixed use, and context-sensitive development.
  - Promote conservation design to preserve important natural resources.
- Goal 2: Create a range of housing opportunities and choices.
- Promote a diverse housing stock including market rate, workforce housing and affordable options that appeal to a variety of households.
- Goal 3: Protect and enhance Waynesville’s natural resources.
- Protect and enhance water quality and forests.
  - Encourage park and greenway development to protect watersheds and improve access to open space.
  - Protect rural lands, iconic views and mountain vistas.
- Goal 6: Create an attractive, safe and multi-modal transportation system.
- Provide an interconnected transportation network of roadways, greenways, freight mobility, bicycle routes and sidewalks that improves safety and strategic access for all users.

**WHEREAS**, the Planning Board has reviewed and recommends the proposed text amendments for enactment by the Board of Aldermen; and

**WHEREAS**, the Board of Aldermen find this Ordinance is consistent with the Town’s 2035 Comprehensive Plan and that it is reasonable and in the public interest to “make decisions about resources and land use in accordance with North Carolina General Statutes.” and

**WHEREAS**, after notice duly given, a public hearing was held on **July 18, 2022** and continued on **September 19, 2022** at the regularly scheduled meeting of the Waynesville Planning Board, and on \_\_\_\_\_, 2022 at the regularly scheduled meeting of the Board of Aldermen;

**NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE TOWN OF WAYNESVILLE, MEETING IN REGULAR SESSION ON \_\_\_\_\_ AND WITH A MAJORITY OF THE BOARD MEMBERS VOTING IN THE AFFIRMATIVE, THE FOLLOWING:**

That the Land Development Standards be amended as follows (noted in red):



## 2. Add section 15.9.5 Alternative Subdivision Designs as follows:

### **15.9.5 Alternative Subdivision Designs.**

Cottage Development and Conservation Subdivision are alternative subdivision designs that must follow all applicable review processes and standards of the Waynesville Land Development Standards.

#### **A. Cottage Development.**

**Cottage** - a small detached single-family or two-family residence constructed to specific design standards and arranged around common open space as a part of a cottage development.

**Cottage Development**- a development of 3 or more structures (commercial or dwellings of single family or duplex design) arranged with common open space, often with shared parking, driveways, and other amenities. A cottage development may also include commercial and/or mixed-use units as a part of Planned Unit Development, as permitted by the zoning district.

#### **The following standards apply:**

- The courtyard shall enhance the aesthetics and character of the development through the provision of consolidated and easily accessible open space.
- Cottages may be built on individual lots or have a common form of ownership.
- The term cottage **does not** include manufactured, tiny homes on wheels, campers, RVs, or other recreational vehicles. Manufactured home parks or RV parks are not considered cottage developments for the purpose of this ordinance. All cottages must be built to the NC Building Code standards.
- Cottages are subject to all standards of the Town of Waynesville Land Development Standards based on the size of the development (stormwater, parking, landscaping, lights, civic space, etc.) and all standards of the zoning district (building height, setbacks, density, etc.).
- Minimum size of foundation, rooms, bathrooms, ceiling height, and other building dimensions are subject to applicable NC Building Code.

#### **B. Conservation Subdivision Development.**

**Purpose** The purpose and intent of this section is to provide developers with an option of additional development flexibility to build on smaller lots when additional open space set- asides are provided in order to protect existing topography, mountain ecology, and scenic views of the Town of Waynesville.

**Authority:** For the purpose of this ordinance, the Administrator means the Development Services Director or his/her designee.

**Applicability** The conservation subdivision standards shall apply as an option to all divisions of a parent parcel of 2 acres or more.

## Development Standards:

### 1. Density, Lot Sizes, and Agriculture

- a) Conservation Subdivision shall be exempt from minimum lot size requirements. Under no circumstances, however, shall the gross density of a conservation subdivision exceed the density for the district in which it is located.
- b) To qualify as a Conservation Subdivision under these provisions, at least 50% of the total acreage of the site shall be set aside as an open space or preserve. Impervious surfaces and areas designated for active recreation, such as tennis courts, volleyball courts, ball fields, golf courses, etc., must be excluded from the minimum 50%.
- c) **Native plants existing on the pre-development shall be minimally disturbed**, and native plants occurring naturally on the site shall be also incorporated into post-construction landscaping of the common areas. Post-construction landscaping shall be consistent with the preserved areas. See requirements for Environmental Survey and Natural Resources Inventory in LDS Section 15.4.1.

### 2. Priority Conservation Areas:

- a) The Special Flood Hazard Area (SHFA, including 100-year floodplain and floodway) and riparian zones of streams;
- b) Existing landslide tracks;
- c) Slopes over 30% in a contiguous area;
- d) Wetlands that meet the definition used by the Army Corps of Engineers, pursuant to the Clean Water Act;
- e) Archaeological and historic sites;
- f) Boundaries of public lands;
- g) Scenic views;
- h) Populations of endangered or threatened species.

### 3. Ownership of Conservation Areas

Open spaces shall be owned and managed by a land trust or homeowner's association, subject to compliance with the provisions of this section and the following requirements:

- a) Unless maintenance is assigned by a conservation or land trust, the homeowner's association shall be responsible for maintenance and taxes on the open space within the open space- Conservation Subdivision.
- b) Ownership, restrictive covenants, and maintenance of the conservation areas must be submitted to the Administrator for approval, then referenced on the final plat and recorded in the Haywood County Register of Deeds after final approval of the subdivision. Maintenance of the conservation areas may include but is not limited to invasive weed cutting, removal of trash, debris, dead tree, plant materials and brush.

- c) Certain lands designated as conservation areas, such as greenways and preserves, may be dedicated to the Town. If offered by the landowner, the Board of Aldermen shall determine whether that land is appropriate for dedication to the Town.
- d) The homeowner's association shall not be dissolved, unless the conservation area is first deeded to another entity, such as land trust.

**4. Conservation and Development Plan.** Prior to review of a conservation subdivision by the Planning Board, an applicant shall have a conservation and development plan for the land reviewed by the Administrator for completeness in accordance with the following steps:

**Step 1- Site analysis map.** The applicant shall prepare a site analysis map that analyzes existing conditions both on the land proposed for the development and land within 500 feet of the perimeter of the site and submit the site analysis map to the Administrator. It is the intent of this section that the information required to be presented in the site analysis map be produced from existing sources and maps to ensure the process is economical for the applicant.

Site analysis map shall include the following information as well as any additional information necessary for site assessment and requested by the Administrator:

- Topography (including steep slopes)
- Wetlands
- Predominant vegetation
- Soil types
- Streams

The developer may, although not required at this stage of the pre-application process, submit a full Environmental Survey as specified in section 15.4.1, as it will be required later in the process for a major subdivision.

**Step 2- Site inspection.** After receipt of the site analysis map, the Administrator shall schedule a site inspection of the land with the applicant and others that the Administrator deems necessary (such as emergency services and public services). The applicant or the applicant's representative shall attend the site inspection with Town staff members. The purpose of this site visit is to:

- a) Familiarize the staff with the existing site conditions and features of the site;
- b) Identify potential site development issues, including the best location for the development;
- c) Provide an opportunity to discuss site development concepts, including the general layout of conservation areas and potential locations for proposed structures, utilities, streets, and other development features. Comments made by staff during the site inspection shall be interpreted as only being suggestive. No official decision on the conservation and development plan shall be made during the site inspection.

**Step 3- Conservation and development plan.** Based on the site analysis map and the information obtained during the site inspection, the applicant shall prepare a conservation and development plan. The conservation and development plan shall include the following:

- a) The site analysis map;
- b) A conservation and development areas map that depicts areas intended for conservation and areas intended for development; and
- c) A preliminary site plan, showing proposed site development, including the approximate locations of utilities, streets, other development features, buffers (if applicable), and lot lines in the proposed development area;
- d) Environmental Survey, which must include Natural Resources Inventory, as specified in section 15.4.1.
- e) A preliminary stormwater analysis indicating pre-development and proposed post-development pervious to impervious ratios and stormwater management areas.

**Step 4- Technical review by Town Staff.**

**Step 5- Review & decision by the Administrator.** The Administrator shall review and make an administrative decision. If approved, such approval shall only be for the purposes of approving the conservation and development plan. If a conservation and development plan application is approved for completeness by the Administrator, the applicant shall file an application for a major subdivision approval.

2. Add the following definitions to section 17.3 Definitions, Use Type:

**Cottage** - a small detached single-family or two-family residence constructed to specific design standards and arranged around common open space as a part of a cottage development.

**Cottage Development**- a development of 3 or more structures (commercial or dwellings of single family or duplex design) arranged with common open space, often with shared parking, driveways, and other amenities. A cottage development may also include commercial and/or mixed-use units as a part of Planned Unit Development, as permitted by the zoning district.

**Planned Unit Development (PUD)**- a development that integrates residential and non-residential uses as permitted by the zoning district.

**Subdivision, Conservation** – are a type of subdivision that preserves undivided, buildable tracts of land as open space by grouping dwelling units close together.

**ADOPTED** this \_\_\_\_\_ Day of \_\_\_\_\_, 2022.

TOWN OF WAYNESVILLE

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J. Gary Caldwell, Mayor

ATTEST:

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Eddie Ward, Town Clerk

APPROVED AS TO FORM:

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Martha Bradley, Town Attorney

**TOWN OF WAYNESVILLE BOARD OF ALDERMEN  
REQUEST FOR BOARD ACTION  
Meeting Date: October 11, 2022**

**SUBJECT:** Call for a Public Hearing for November 8, 2022 to consider the text amendment related to Roadway Standards, Sections 6.5, 6.6, 6.7, and 6.8 of the Land Development Standards (LDS).

**AGENDA INFORMATION:**

**Agenda Location:** New Business  
**Item Number:**  
**Department:** Development Services  
**Contact:** Elizabeth Teague, Candace Hladek of J.M.Teague Engineering and Planning  
**Presenter:** Elizabeth Teague

**BRIEF SUMMARY:**

The Development Services Department contracted with J.M. Teague to update the Town's Roadway Standards as part of on-going work to update the LDS relative to 160D, subdivision requirements, and implementation of the Comprehensive Plan. JM Teague worked with members of the Town's Technical Review Committee and Fire Code Officials in the development of these recommendations to:

- Develop usable and realistic standards for Waynesville's topography and built environment;
- Update ordinance specifications to current engineering resources and standards;
- Establish criteria for roads that the Town will *not* take into the Town's roadway system;
- Accommodate alternate designs for roadways to minimize cut and fill and other land disturbance;
- Work in conjunction with new TIA requirements, recommended driveway standards and guidelines, and proposed cottage and conservation subdivisions; and
- Improve overall safety of the Town's transportation network for all users.

Staff and JM Teague presented to the Planning Board in June, and the Planning Board held a public hearing on September 19, 2022 and unanimously recommended that the revisions are consistent with the 2035 Comprehensive Land Use Plan and the adoption of text amendments as presented.

**MOTIONS FOR CONSIDERATION:**

1. Motion to call for a Public Hearing on November 8, 2022, to consider the text amendment related to Roadway Standards, LDS Section 6.5 – 6.8 as recommended by the Planning Board.

**FUNDING SOURCE/IMPACT:**

N/A

**ATTACHMENTS:**

1. Proposed Text Amendment

**MANAGER'S COMMENTS AND RECOMMENDATIONS:**

This is a call for a public hearing only.

ORDINANCE DRAFT FOR BOARD OF ALDERMEN CONSIDERATION  
CALL FOR PUBLIC HEARING, OCTOBER 11, 2022

ORDINANCE NO. \_\_\_\_\_

**AN ORDINANCE AMENDING THE TEXT OF THE  
TOWN OF WAYNESVILLE LAND DEVELOPMENT STANDARDS**

**WHEREAS**, the Town of Waynesville has the authority, pursuant to Article 7 of Chapter 160D of the North Carolina General Statutes, to adopt land development regulations, clarify such regulations, and may amend said regulations from time to time in the interest of the public health, safety, and welfare; and

**WHEREAS**, the Town of Waynesville Planning Board has reviewed the proposed text amendments to the Land Development Standards (LDS) and recommends that they are consistent with the 2035 Comprehensive Plan and that they are reasonable and in the public interest because they support the following goal:

Goal 6: Create an attractive, safe and multi-modal transportation system.

- Provide an interconnected transportation network of roadways, greenways, freight mobility, bicycle routes and sidewalks that improves safety and strategic access for all users.

**WHEREAS**, the Planning Board has reviewed and recommends the proposed text amendments for enactment by the Board of Aldermen; and

**WHEREAS**, the Board of Aldermen find this Ordinance is consistent with the Town's 2035 Comprehensive Plan and that it is reasonable and in the public interest to "make decisions about resources and land use in accordance with North Carolina General Statutes." and

**WHEREAS**, after notice duly given, a public hearing was held on **September 19, 2022** at the regularly scheduled meeting of the Waynesville Planning Board, and on \_\_\_\_\_, 2022 at the regularly scheduled meeting of the Board of Aldermen;

**NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE TOWN OF WAYNESVILLE, MEETING IN REGULAR SESSION ON \_\_\_\_\_ AND WITH A MAJORITY OF THE BOARD MEMBERS VOTING IN THE AFFIRMATIVE, THE FOLLOWING:**

That the Land Development Standards be amended as follows (noted in red):

1. Rename Section 6.5 to reference all adopted transportation plans

## **6.5 ~~Thoroughfare~~ Transportation Plan Conformity.**

The location and design of streets shall be in conformance with the adopted ~~Thoroughfare~~ Transportation Plans of the North Carolina Department of Transportation and of the Town, including any Pedestrian, Greenway, and Bicycle or other Transportation Plans that have been adopted by the Town of Waynesville.

2. Amend Section 6.6 as follows to add a general purpose and intent statement and general guidelines

## **6.6 Street Classification and Design**

The purpose and intent of these standards are to create an attractive, safe, and multi-modal transportation system.

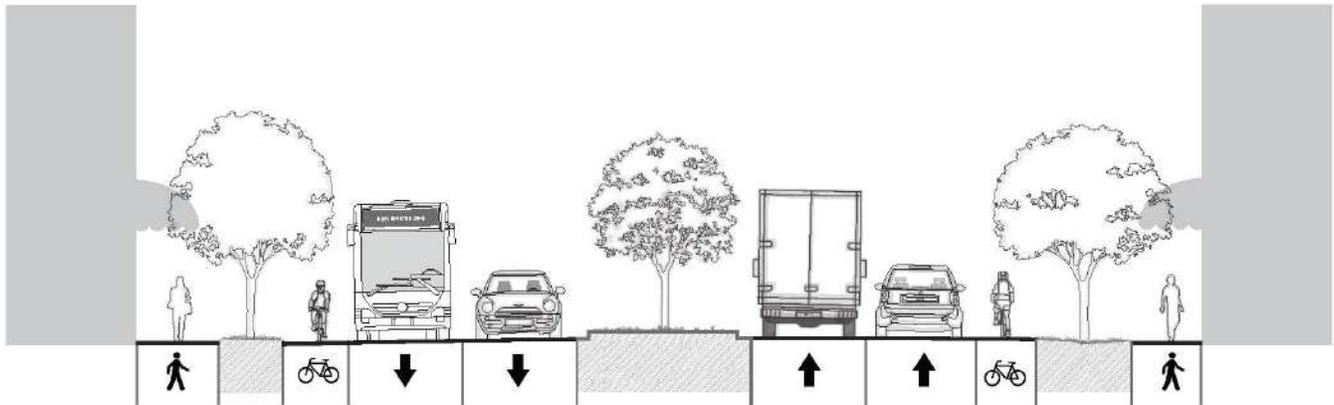
### **6.6.1 ~~RULES FOR ASSIGNMENT OF APPROPRIATE STREET DETAILS~~ General Guidelines**

- A. Streets constructed as part of new subdivisions or other development must comply with the design standards as provided in this section for safety according to its classification.
- B. Streets may be accepted into the Town street system for maintenance with approval of the Town Board of Aldermen. However, streets with two or more of the following characteristics, should not be accepted into the Town's roadway system for maintenance:
  - a. Roadways in elevations above 2900 feet, and/or
  - b. Roadways with grades above 22% with a maintained distance over 500 feet, and/or
  - c. Roadways in areas prone to rockslides and/or
  - d. Roadways where the Town is unable to provide emergency services due to geometrics of the roadway, and/or
  - e. Roadway stopping sight distance is inconsistent with design speed.
- C. Design Speed and Posted Speed Limit: Design speed is a selected speed used to determine the various geometric design features of a roadway. The posted speed limit is established either by law or by traffic control devices. Speed limit is usually less than the design speed.
- D. Street design includes multiple elements: the roadway or vehicle travel surface, which may include an improved shoulder or bicycle lane; curb and gutter, swale or other stormwater conveyance, planted strips and landscaping as required, sidewalks, greenways or other pedestrian facilities such as crosswalks as required.
- E. Blocks are a unit of land, inclusive of private land, alleys, parking areas and sidewalks or other features that are circumscribed by a combination of streets, waterways, or linear greenspace that break up the linear development pattern along a roadway. New streets shall be organized with blocks that are a maximum of 500 feet in length, unless within a conservation subdivision or hillside development, or within Low Density Residential Districts (CC-RL, EN-RL, FC-RL, or HT-RL).

~~Diagram of the many different parts of a street. Care should be taken to ensure that context plays a primary role in the selection of the various right-of-way elements. (Remove 6.6 Diagram)~~

3. Amend Cross sections in Section 6.6.2 as follows

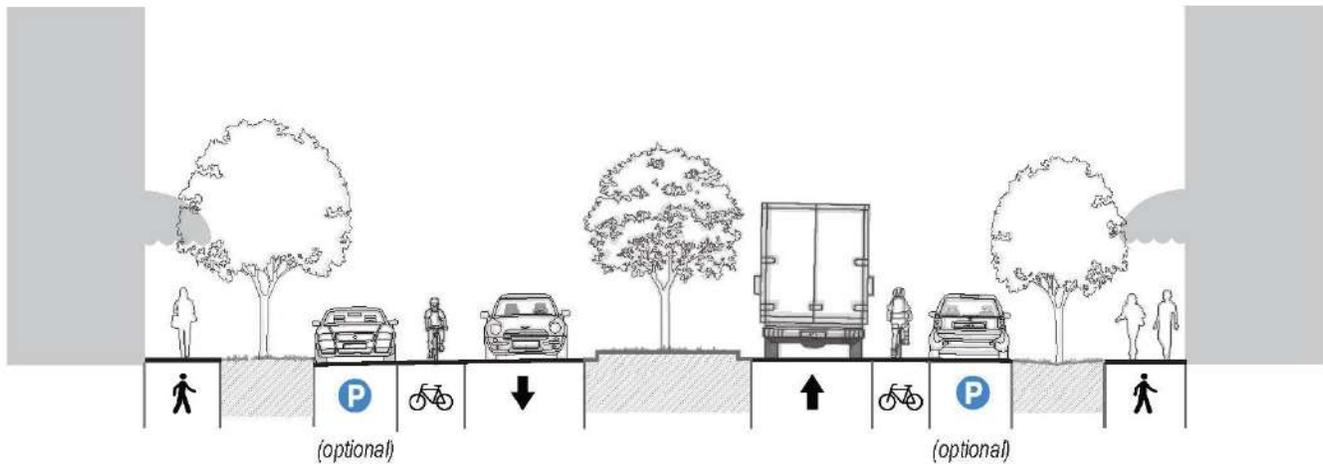
### 6.6.2.A Boulevard



Definition: Boulevards provide multi-lane access to commercial and mixed-use developments. Boulevards also serve to carry regional traffic throughout the town. *(Russ Avenue is an example of a Boulevard.)*

- Right-of-way width: 100-124 feet (Curb and Gutter),
- Lane Widths: 10-12 feet
- Median Width: 10 – 20 feet **(and available for designated turn lanes)**
- Traffic Lanes: 4 **or** 5 lanes
- **Parking Lanes: None, Generally Off-street Parking**
- Curb Type: Vertical curb and gutter or LID or **swale Open Drainage** *(Additional right-of-way may be required for natural drainage sections)*
- Curb Radius: 15 -25 feet **at street intersection** *(see ~~Section~~ Ref. Sec. 6.7.6)*
- **Grades: As approved by Administrator.***(Ref. Sec. 6.7.4)*
- **Design Speed: 50 mph**
- **Stopping Sight Distance: minimum 425 feet** *(Ref. Sec. 6.7.1)*
- Pedestrian Facilities – Intersection bulbouts (required) and Mid-block crosswalks
- Walkway Type: 6 ft. sidewalk both sides (Residential Districts) 8 ft. all other districts
- Bicycle **Facilities: Type-BL** 5 ft. Bike Lane *(See also Ref. Sec. 6.9.3)* or 6 ft. w/on-street parking
- Planter Type: Continuous planting strip - 6 ft. (curb) or 8 ft. **swale Open Drainage**
- Landscape **Type: 1 per 40 ft.** of street frontage *(See also Ref. Sec. 8.5.1)*

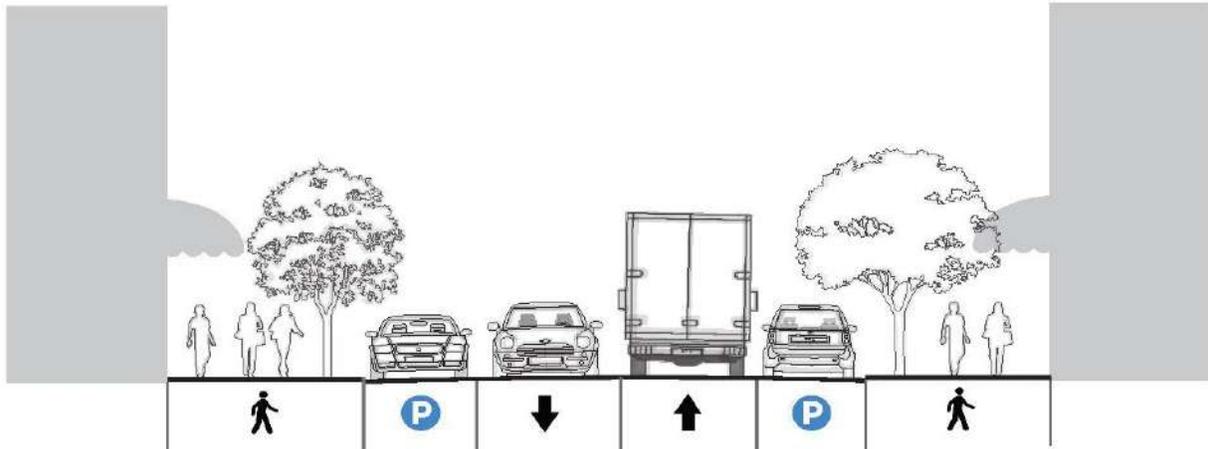
## 6.6.2.B Avenue



Definition: Avenues serve as **arterial, collector, or local route** connectors between neighborhoods and area centers. Used in residential and commercial areas, often terminating at prominent buildings, downtown centers or plazas. Avenues may also **circulate** around squares or neighborhood parks. *(Dellwood Road and Howell Mill Road are examples of Avenues).*

- Right-of-way width: 80-104 feet (Curb and Gutter),
- Lane Widths: 10-12 feet
- Median Width: 12 – 18 feet. *(Optional)*
- Traffic Lanes: **2-3 lanes**
- Parking Lanes: parking on both sides ~~@ 8 feet marked (if Provided)~~ *(Ref. Sec. 6.7.11)*
- Curb Type: Vertical curb and gutter or LID or **swale Open Drainage** *(Additional right-of-way may be required for natural drainage sections)*
- Curb Radius: 15 -25 feet. **at street intersection** ~~(see Section Ref. Sec. 6.7.6)~~
- **Grades:** *As approved by Administrator. (Ref. Sec. 6.7.4)*
- **Design Speed:** 45 mph
- **Stopping Sight Distance:** *minimum 360 feet (Ref. Sec. 6.7.1)*
- Pedestrian Facilities – Intersection bulbouts (required) and Mid-block crosswalks
- Walkway Type: 6 ft. sidewalk both sides (Residential Districts) 8 ft. all other districts
- Bicycle **Facilities:** ~~Type-BL~~ 5 ft. Bike Lane ~~(See also Ref. Sec. 6.9.3)~~ or 6 ft. w/on-street parking
- Planter Type: Continuous planting strip - 6 ft. (curb) or 8 ft. **swale Open Drainage**
- Landscape **Type:** 1 per 40 ft. of street frontage ~~(See also Ref. Sec. 8.5.1)~~

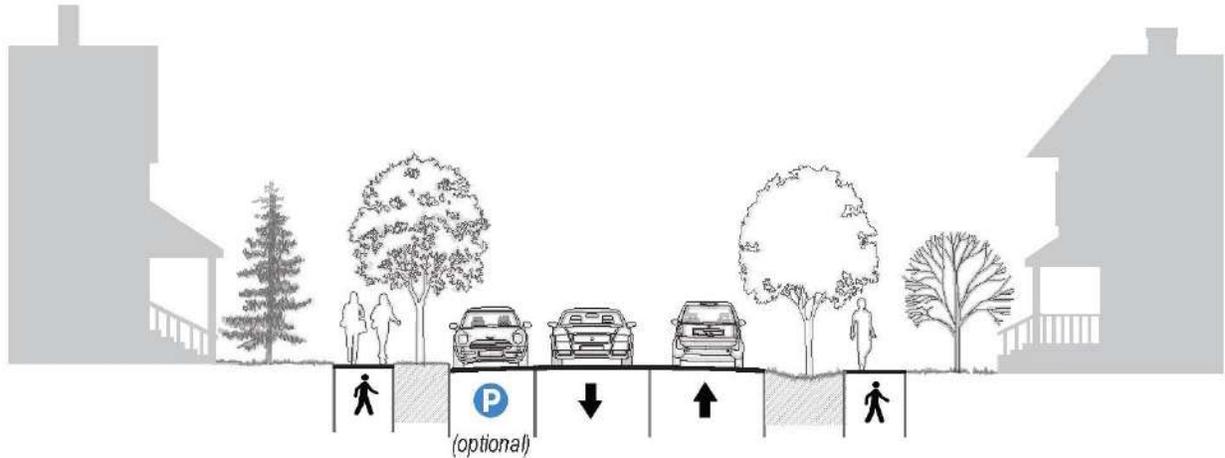
## 6.6.2.C Business District Street



Definition: ~~Commercial Streets are intended to provide access to high density commercial, office, and industrial areas.~~ Business District Streets can be arterial, collectors, or local streets that serve as a primary thoroughfare for traffic circulation in a limited area. They provide access to downtown, commercial or outlying business districts and may have a high percentage of truck traffic. A destination street that serves as a center of civic, social, and commercial activity. (*North Main Street in Downtown, Depot and Commerce Street in Frog Level, and Hazelwood Avenue in Hazelwood are examples of Business District Streets*).

- Right-of-way width: 60-80 feet (Curb and Gutter),
- Lane Widths: 10-12 feet
- ~~Median Width: N/A~~
- Traffic Lanes: 2 - 3 lanes
- Parking Lanes: Both sides @ 8 feet marked or (one side only as appropriate) (Ref. Sec. 6.7.11)
- Curb Type: Vertical curb and gutter
- Curb Radius: 15 -25 ft. at street intersection (~~see Section~~ Ref. Sec. 6.7.6)
- Grades: As approved by Administrator. (Ref. Sec. 6.7.4)
- Design Speed: 35 mph
- Stopping Sight Distance: minimum 250 feet (Ref. Sec. 6.7.1)
- Pedestrian Facilities – Intersection bulbouts (required) and crosswalks at all intersections and Mid-block as appropriate.
- Walkway Type: 12 ft. sidewalk both sides (16 ft. required for outdoor seating areas) (dimensions are measured from back of curb to the outside edge of sidewalk)
- Bicycle Facilities: Normal Lane with integrated bicycle traffic or Wide Lane of 3-5 foot improved or striped shoulder. (Ref. Sec. 6.9.3)
- Planter Type: Tree wells or 6 ft. continuous planting strip (included in walkway type dimension)
- Landscape Type: 1 per 40 ft. of street frontage (~~See also~~ Ref. Sec. 8.5.1)

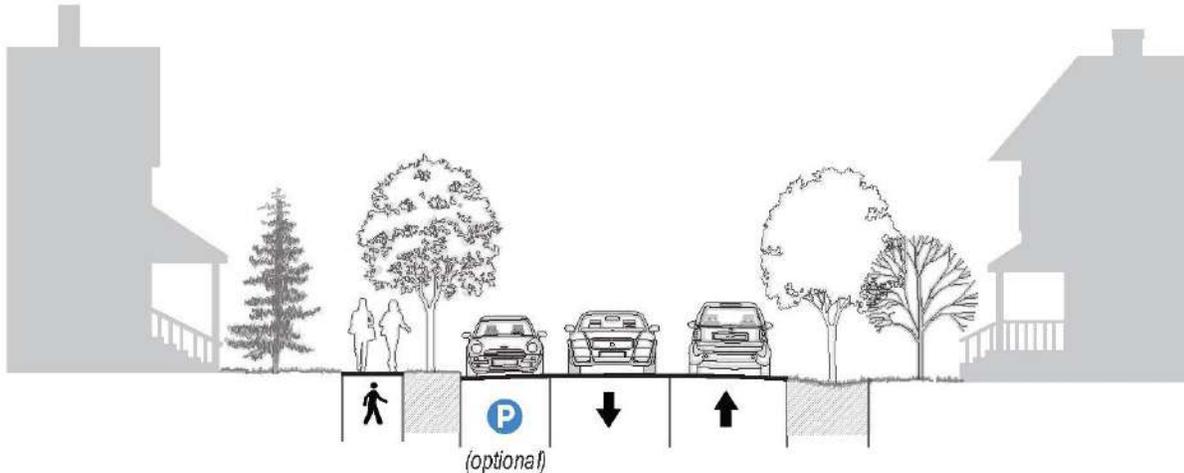
## 6.6.2.D Residential Street



Definition: Local Residential streets serve as the primary transportation network in the community. Generally, ~~they are two (2) to six (6) blocks in length.~~ they contain more than 50% residential dwellings based on road frontage.

- Right-of-way width: ~~Minimum 40 feet. 50ft-~~(Curb and Gutter), ~~50 ft. 60ft~~ (Swale Open Drainage)
- Pavement Widths: ~~Minimum 20 feet. (27 ft. with parking)~~
- Traffic Lanes: ~~generally~~ two lanes (one in each direction)
- Parking Lanes: ~~Informal~~ parking on one side (Ref. Sec. 6.7.11)
- Curb Type: Vertical Curb and Gutter or LID (Low Impact Development) (Ref. Sec. 12.5)
- Curb Radius: 15 feet. ~~at street intersection~~ (Ref. Sec. 6.7.6)
- Grades: ~~Maximum~~ Grade of 18% for a maximum length of 2,500 feet. (Ref. Sec. 6.7.4)
- Design Speed: 40 mph
- Stopping Sight Distance: ~~minimum~~ 305 feet (Ref. Sec. 6.7.1)
- ~~Median Width:~~
- Walkway Type: 5 ft. sidewalk both sides (one side with environmental constraints or as part of a Tier 1 Subdivision Plan) (Ref. Sec. 6.6.2.H)
- Bicycle Facilities: ~~Informal~~ Normal Lane with integrated bicycle traffic or Wide Lane of 3-5 foot improved or striped shoulder. (Ref. Sec. 6.9.3)
- Planter Type: Continuous planting strip 5 ft. (Curb) or 8 ft (Swale)
- ~~Pedestrian Facilities: n/a~~
- Landscape Type: 1 per 40 ft. of street frontage (see 8.5.1) ~~\*not including sight triangle~~
- Subdivision Type: All Major Subdivisions

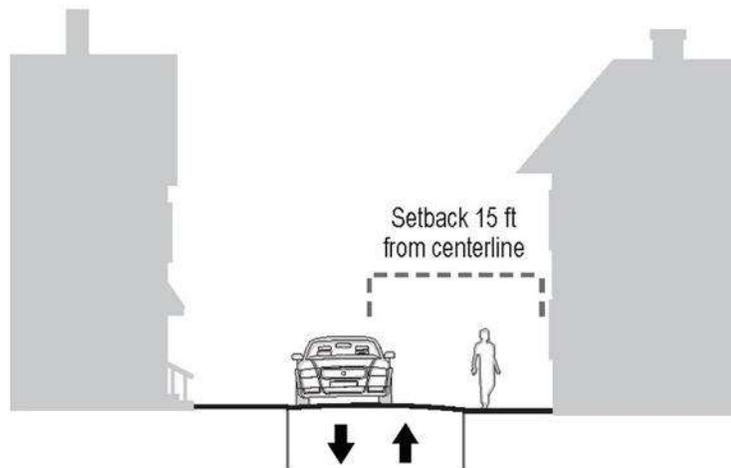
## 6.6.2.E Lane



Definition: Lanes are small traveled ways intended to provide direct access to the front of a limited number of **single-family** residential structures **and Lanes are limited in** the number of lots served. Generally, they are very short; often less than four hundred (400) feet. Items including, but not limited to, traffic carrying capacity, topography, **and connectivity, and emergency vehicle access**, shall be a consideration when permitting a lane in lieu of a street.

- Right-of-way width: **Minimum 36 feet. 40ft** (Curb and Gutter), **46 feet. 50ft** (Open Drainage)
- Pavement Widths: **16ft (Curb Gutter) 18 ft. (Open Drainage) Minimum 20 feet.**
- Traffic Lanes: two lanes (**one lane in each direction**) or one lane as a one-way street or loop, as **approved by fire code official.**
- Parking Lanes: **Informal** parking on one side (*Ref. Sec. 6.7.11*)
- Curb Type: Vertical Curb and Gutter, **Open Drainage** or **LID (Low Impact Development)** (*Ref. Sec. 12.5*) (Additional right-of-way may be required for natural drainage sections)
- Curb Radius: 15 feet. **at street intersection** (*Ref. Sec. 6.7.6*)
- **Grades: Maximum Grade of 18% for a maximum length of 2,500 feet.** (*Ref. Sec. 6.7.4*)
- ~~Median Width:~~
- **Design Speed: 35 mph**
- **Stopping Sight Distance: Minimum 250 feet** (*Ref. Sec. 6.7.1*)
- Walkway Type: 5 ft. sidewalk one side (**4 feet. with environmental constraints**)
- Bicycle Facilities: **Informal Normal Lane with integrated bicycle traffic or Wide Lane of 3-5 foot improved or striped shoulder. Type N or W** (*Ref. Sec. 6.9.3*)
- Planter Type: Continuous planting strip 5 ft. (Curb) or 8 ft (**Swale Open Drainage**).
- ~~Pedestrian Facilities: n/a~~
- Landscape Type: 1 per 40 ft. of street frontage (*Ref. Sec. 8.5.1*)
- Length: **Maximum 800 ft.** unless approved by the Administrator

## 6.6.2.F Alley

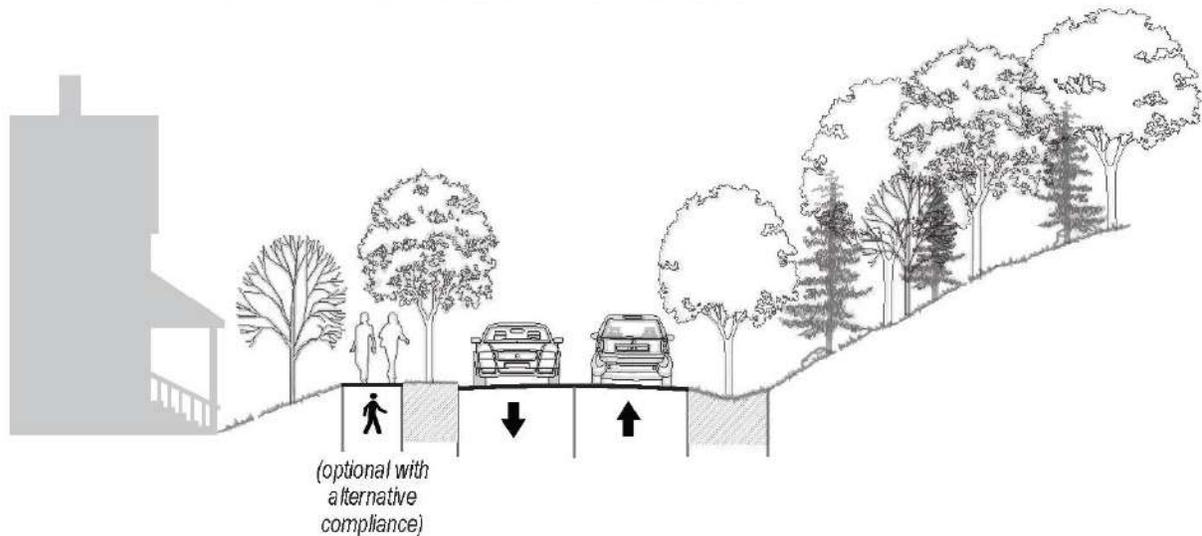


Definition: Alleys are intended to provide indirect, limited access to the rear of properties but not to accommodate through traffic. Utilities, either above ground or underground, may be located in alleyways to provide service connections to rear elevations.

- Right-of-way width: 20-24 feet.
- Pavement Widths: *Minimum 14 feet.*
- Parking Lanes: None
- Curb Type: inverted Crown
- Curb Radius: Taper *at street intersection*
- *Grades: As approved by Administrator. (Ref. Sec. 6.7.4)*
- *Design Speed: 30 mph*
- *Stopping Sight Distance: 200 feet*
- Walkway Type: Path optional
- Landscape Type: None
- Building Setback from Alley Centerline: 15 ft.
- Maximum Length: ~~400 ft.~~ *Approved by Administrator*

## 6.6.2.H CONSERVATION OR HILLSIDE PROTECTION STREET ADDED

### 6.6.2.G Conservation or Hillside Street



Definition: Streets designed to accommodate environmental constraints and to encourage minimal grading and adaption to the natural character of the land. This street standard can be applied when environmental issues, environmental protection and/ or conservation are a consideration. This standard can **only** be used with the pre-approval of the administrator.

- Right-of-way width: *Minimum* 36 ft. (Vertical Curb), 46 ft. (Open Drainage)
- Pavement Widths: *Minimum* 20 ft. (14 ft. in one-way sections with pull-out every 150 ft. or as allowed by Town Fire Officials)
- Traffic Lanes: 1 or 2 lanes
- Parking Lanes: None (off-road parking only)
- Curb Type: Vertical Curb, Open Drainage or LID (Low Impact Development) with Curb and gutter at intersections. (Additional right-of-way may be required for natural drainage sections) (Ref. Sec. 12.5)
- Curb Radius: 15 ft. at street intersection (Ref. Sec. 6.7.6)
- Grades: As approved by Administrator. (Ref. Sec. 6.7.4)
- Design Speed: 40 mph
- Stopping Sight Distance: Minimum 305 feet (Ref. Sec. 6.7.1)
- Walkway Type: 5 ft. (4 ft. with environmental constraints) sidewalk on one side. (For Alternative Compliance Ref. Sec. 6.8C)
- Bicycle Facilities: Optional Type N or W (Ref. Sec. 6.9.3)
- Planter Type: Continuous planting strip of 5 ft (Rolled Curb) or Open Drainage. (For Alternative Compliance Ref. Sec. 6.8.1) (Ref. Sec 6.8C for Tree Conservation)
- Landscape Type: 1 per 40 ft. of street frontage (Ref. Sec. 8.5.1)

4. Update Engineering Standards of Section 6.7 to include current references and resources; and apply current engineering standards for sight distance requirements.

## 6.7 - STREET ENGINEERING STANDARDS.

The following standards are intended to provide general clarity for most conditions in Waynesville. Deviations to these standards may be granted by the Administrator subject to generally accepted safety and engineering practices. ~~For additional guidance, the Town will use the Designing Walkable Urban Thoroughfares: A Context Sensitive Approach by the Institute of Transportation Engineers and the Congress for the New Urbanism or a similarly generally accepted document.~~

### 6.7.1 STOPPING SIGHT DISTANCES.

**Stopping Sight Distance (SSD)** is the forward view that a driver has at all times while driving the indicated maximum speed limit for each classification of Town Street. The SSD is greatly dependent on the approach grade. The values presented are for an assumed approach grade within a range of -3% to +3%. For approach grades outside this range, the design engineer shall be required to certify that SSD is met at all times along the street. *\*Guidance obtained with reference to NCDOT Subdivision Manual, AASHTO (American Association of State Highway and Transportation Official), (Highway Capacity Manual, and NACTO (National Association of City Transportation Officials).*

Minimum stopping sight distance should conform to the design speed of the roadway. ~~(Ref. Sec. 6.6.2) the particular street and the stopping distances required for wet pavement conditions provided in the table below.~~

#### ~~Design Speed Stopping Distance~~

~~20 MPH — 125 Feet~~

~~25 MPH — 150 Feet~~

~~30 MPH — 200 Feet~~

Street Classification	Design Speed	Stopping Sign Distance
Boulevard	50 mph	425 feet
Avenue	45 mph	360 feet
Residential or Conservation Street	40 mph	305 feet
Business District Street or Lane	35 mph	250 feet
Alley	30 mph	200 feet

The required sight distances set forth in this section should be provided by both vertical and horizontal alignment. Where grades vary from level conditions, stopping sight distances must be increased for downhill grades, but may be decreased for uphill grades. *In cases where the speed limit is greater,*

refer to the latest published copy of AASHTO's "A Policy on Geometric Design of Highways and Streets".

(LDS Section 6.7.2 Sight Triangles and 6.7.3 Intersection Angles remain the same)

**6.7.4 GRADES.**

A. **Vertical Curves:** K values for vertical curve design should be consistent with design speed and stopping sight distance. (Ref. Sec. 6.7.1).

~~B. **Maximum Grade for Alleys, Lanes and Streets:** Fifteen (15%) percent, except that sections less than two hundred and fifty (250) feet in length may not exceed eighteen (18%) percent. Within one hundred (100) feet of an intersection, grades may not exceed eight (8%) percent.~~

~~C. **Maximum Grade for All Other Streets:** All other street types are limited to a maximum of twelve (12%) percent grades. Within one hundred (100) feet of an intersection, grades may not exceed five (5%) percent.~~

B. **Maximum Grade for Residential Streets and Lanes:** Maximum Grade of 18% for a maximum length of 2,500 feet. Each 2,500-foot maximum grade section must be separated by a 500-foot section of 7% maximum grade. The maximum grade can be increased by 3% for distances less than 500 feet as long as there is a 500-foot "normal maximum grade" section between each "increased maximum grade" section.

C. **Maximum Grade all other street types:** As approved by Administrator. Must meet AASHTO guidelines.

D. **Minimum Street Grades:** No grades less than 0.5% should be used to facilitate water drainage (e.g., vertical slope, cross-slope, inverted crown)

**6.7.5 CENTERLINE RADIUS.**

When determining the centerline radius for a new roadway, refer to the latest published copy of AASHTO's "A Policy on Geometric Design of Highways and Streets".

A. ~~Minimum Centerline Radius For All Streets: 65 feet (Exception: Lanes and Alleys shall be 50 feet)~~

B. ~~Maximum Centerline Radius: The maximum centerline radius shall be as follows:~~

<del>Design Speed (Street Type)</del>	<del>Design Centerline Radius (Maximum)</del>
<del>20 MPH (Lane)</del>	<del>90 Feet</del>
<del>20 MPH (Street)</del>	<del>90—120 Feet</del>
<del>Greater Than 25 MPH</del>	<del>Refer to AASHTO Standards</del>

## 6.7.6 CURB RADII AND CONSTRUCTION. (Remains the same, but adds “G” below)

**G. Alternative Compliance.** Curbs – when the permeable pavement is in use or when the direct stormwater runoff has less impact than the concentrated runoff of standard drainage systems. Low Impact Development (LID) stormwater controls may be used with approval by the administrator

1. Alternative Compliance: Alternative provisions for curbs meeting the intent of this section may be used where unreasonable or impractical situations would result from the application of these requirements or where an alternative drainage plan is preferred for stormwater management. Such situations may result from significant street trees, impending road widening, topography, utility easements, lot configuration or other unusual site conditions.
2. In districts such as Hillside Protection areas and Conservation Subdivisions, Low Impact Development (LID) or preservation of existing vegetation may be used with approval by the administrator. All alternative stormwater features shall be constructed in accordance with the standards in the latest edition of the North Carolina Environmental Quality’s (NCDEQ) Stormwater Design Manual. (Ref. Sec. 12.5). The Administrator may approve an alternate plan that proposes different stormwater amenities provided that the intent of this section is fulfilled.

*(LDS Section 6.7.7- 6.7.10 Intersection Angles remain the same)*

### 6.7.11 ~~Parallel~~ Parking Spaces on ~~Existing~~ Streets.

All mid-block parallel parking spaces shall be (7) feet in width by twenty-two (22) to twenty-six (26) feet in length and end of block spaces maybe seven (7) feet in width by twenty (29) feet in length as determined by the administrator subject to the constraint of the existing conditions. The dimension is measured from the face of the curb and may include the gutter. ~~Angled spaces shall be per Architectural Graphic Standards, latest edition.~~ All on-street parking spaces must meet local fire code, the latest editions of the Architectural Graphic Standards, and the Manual on Uniform Traffic Control Devices (MUTCD) guidelines, and are subject to approval by the administrator.

5. Update pedestrian facilities requirements to include a purpose and need statement and to accommodate LID, hillside, and environmental conservation as an allowable criteria for alternative compliance.

## 6.8 - PEDESTRIAN FACILITIES.

The purpose and intent of this section is to establish criteria for the development of pedestrian facilities within the jurisdiction of the Town of Waynesville. These standards are set forth to:

1. Provide a safe and walkable pedestrian environment while considering local environmental constraints, low impact development standards, and public safety
2. Promote access for those who are mobility impaired or wheelchair dependent.
3. Improve connectivity and convenience among residential, recreational, and commercial areas.

## 6.8.1 SIDEWALKS

### 6.8.1 Sidewalks.

- A. **General Standards/Location:** Sidewalks are required in accordance with the street classifications in Section 6.6.2. ,as part of major site plans and major subdivisions, and wherever designated in the adopted pedestrian plan. Alternative facilities may be considered in the RL District and in areas where Hillside Protection standards apply (See Section 12.6) in accordance with C below. A payment in lieu may be considered in all districts in accordance with D below.

....

- C. Alternative Compliance: Alternative provisions for pedestrian movement meeting the intent of this section may be used where unreasonable or impractical situations would result from the application of these requirements. Such situations may result from significant street trees, impending road widening, topography, utility easements, lot configuration or other unusual site conditions. *Alternative pedestrian facilities may be used as part of Low Impact Development (LID), development design, hillside, or within conservation and cottage development with approval by the administrator.*
1. In districts where trails are permitted in lieu of sidewalks (RL & Hillside Protection areas & *Conservation Subdivisions*), they shall be constructed in accordance with the standards in 6.8.2. Trails are generally allowed in very low-density development and are only required on one side of the road
  2. The Administrator may approve an alternate plan that proposes different pedestrian amenities provided that the intent of this section is fulfilled.

*Note: Additional changes to bicycle facilities and site triangles shall be considered separately at a later date.*

**TOWN OF WAYNESVILLE BOARD OF ALDERMEN  
REQUEST FOR BOARD ACTION  
Meeting Date: October 11, 2022**

**SUBJECT:** Converting two part time positions into a full-time position for Parks & Recreation

**AGENDA INFORMATION:**

**Agenda Location:**

**Item Number:**

**Department:** Administration

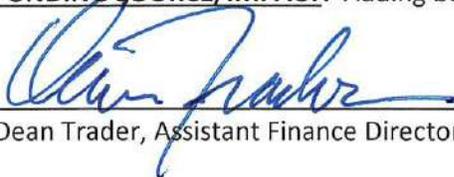
**Contact:** Brittany Angel, HR Coordinator

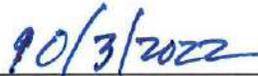
**Presenter:** Luke Kinsland, Interim Parks & Recreation Director

**BRIEF SUMMARY:** We currently have a part time employee that has been consistently working 40 hours a week at the inside maintenance position for over a year now. The reason for this labor overage is a lack of applicants for the existing part time position that remains vacant. In order to comply with the Affordable Care Act regulations, the Town is required to offer this employee health insurance and we are currently paying into this employee's retirement benefits as a result of the number of hours they have worked despite being classified as part-time. Because of this, staff is requesting that the Board approve converting the two existing part-time inside maintenance positions into a single full-time position.

**MOTION FOR CONSIDERATION:** Approve converting part time positions into one full time position

**FUNDING SOURCE/IMPACT:** Adding benefits and \$28,129.22 annual salary

  
Dean Trader, Assistant Finance Director

  
Date

**ATTACHMENTS:**

**MANAGER'S COMMENTS AND RECOMMENDATIONS:**

**TOWN OF WAYNESVILLE BOARD OF ALDERMEN  
REQUEST FOR BOARD ACTION  
Meeting Date: 10/11/2022**

**SUBJECT**                      Renewal of Hazard Mitigation Plan

**AGENDA INFORMATION:**

**Agenda Location:**            New Business  
**Item Number:**  
**Department:**                Administration  
**Contact:**                      Rob Hites  
**Presenter:**                    Zack Koonce

**BRIEF SUMMARY**

The Town, in concert with the western counties and municipalities have drafted a “Hazard Mitigation Plan for the region. The plan is required by the State. It describes a number of natural and man-made hazards for which we are susceptible and provide operating procedures for addressing them. The document is approximately 700 pages in length. Zack Koonce, the County emergency management coordinator will be present to discuss the renewal of the plan. He has provided a one-page summary of the plan which is attached. In order to adopt the plan, the Board must adopt the attached resolution.

**MOTION FOR CONSIDERATION:**

Adopt the attached Resolution

**FUNDING SOURCE/IMPACT:** all

**ATTACHMENTS:**

Summary, Resolution

**MANAGER’S COMMENTS AND RECOMMENDATIONS**

Receive Mr. Koonce’s presentation and adopt resolution.

# Smoky Mountain Regional Hazard Mitigation Plan

## 2022 Plan Update

### Executive Summary

The Smoky Mountain Region is located in the western part of North Carolina and includes Cherokee, Graham, Haywood, Jackson, and Swain Counties, including the municipal governments within those counties, and the Eastern Band of Cherokee Indians (EBCI).

The Smoky Mountain Regional Hazard Mitigation Plan has been prepared in coordination with FEMA Region IV and North Carolina Emergency Management (NCEM) to ensure that the Plan meets all applicable FEMA and state requirements for hazard mitigation plans.

Communities with an adopted and federally-approved hazard mitigation plan thereby become pre-positioned and more apt to receive available mitigation funds before and after the next disaster strikes.

**TABLE 4.1: 2022 SMOKY MOUNTAINS HAZARDS UPDATE**

2018 Smoky Mountains Identified Hazards		2022 Smoky Mountains Identified Hazards		Sub hazards covered in 2022 Plan and Explanations	
Atmospheric Hazards	Drought	Natural Hazards	Drought	Agricultural Drought, Hydrological Drought	
	Hailstorm			Assessed under "Tornadoes/Thunderstorms"	
	Hurricane and Tropical Storm		Hurricane and Coastal Hazards		Storm Surge associated with Hurricanes and Nor'easters, High Wind associated with Hurricanes and Nor'easters, Torrential Rain, Tornadoes Associates with Hurricanes, Severe Winter Weather associated with Nor'easters
	Lightning				Assessed under "Tornadoes/Thunderstorms"
	Tornado		Tornadoes/Thunderstorms		Hailstorm, Torrential Rain associated with Severe Thunderstorms, Thunderstorm Wind, Lightning, Waterspout, High Wind
	Severe Thunderstorm		Severe Thunderstorm		Assessed under "Tornadoes/Thunderstorms"
	Winter Storm and Freeze		Severe Winter Weather		Freezing Rain, Snowstorms, Blizzards, Wind Chill, Extreme Cold
Hydrologic Hazards	Dam and Levee Failure		Dam Failures		
Geologic Hazards	Erosion		Flooding	Assessed under "Geological"	
	Flood		Earthquakes		
Other Hazards	Wildfire	Other Hazards	Geological	Landslides, Sinkholes, Erosion	
			Wildfires		
Other Hazards	Hazardous Materials Incident	Technological Hazards	Infactious Disease		
			Hazardous Substances	Hazardous Materials, Hazardous Chemicals, Oil Spill	
			Terrorism	Chemical, Biological, Radiological, Nuclear, Explosive	
			Cyber		
			Electromagnetic Pulse		

**TABLE 5.36: CONCLUSIONS ON HAZARD RISK FOR THE SMOKY MOUNTAIN REGION**

<b>HIGH RISK</b>	Severe Winter Weather Flood Tornadoes/Severe Thunderstorm Hurricane and Coastal Hazards
<b>MODERATE RISK</b>	Drought Wildfire Cyber Infectious Disease Earthquake Dam Failure Hazardous Substances Geological
<b>LOW RISK</b>	Radiological Emergency Terrorism EMP

**TABLE 8.1: SMOKY MOUNTAIN REGIONAL MITIGATION GOALS**

	Goal
Goal #1	Increase public awareness of hazard mitigation and hazard risk.
Goal #2	Enhance or create new policies that will help reduce the damaging effects of all hazards including natural, man-made and technological hazards.
Goal #3	Increase capabilities to support and implement effective mitigation measures.
Goal #4	Identify and mitigate development and infrastructure in known hazard areas and consider the risks, impacts, and potential mitigation measures to incorporate if proposing to build new structures in known hazard areas.
Goal #5	Encourage conservation of natural environments including forests, surface waters, wet lands, floodplains, and stream corridors.
Goal #6	Improve emergency service capabilities by identifying and seeking funding for necessary equipment as well as fostering regional cooperation for response and recovery.

**MITIGATION TECHNIQUES**

- Prevention
- Property Protection
- Natural Resource Protection
- Structural Projects
- Emergency Services
- Public Education and Awareness

Scan the QR Code to access the Full Plan



**TOWN OF WAYNESVILLE BOARD OF ALDERMEN**  
**REQUEST FOR BOARD ACTION**  
**Meeting Date: October 11, 2022**

**SUBJECT:** Budget Amendment for Grant Awards

**AGENDA INFORMATION:**

**Agenda Location:** Ordinances

**Item Number:**

**Department:** Finance

**Contact:** Misty Hagood, Finance Director

**Presenter:** Misty Hagood, Finance Director

**BRIEF SUMMARY:**

Several departments have been awarded grants that require a budget amendment for us to record the revenue and expend the funds. The awarded grants are listed below:

TDA Grants

- Night Before Christmas \$4,000
- Fall Decorations \$4,000
- Mtn. Street Dances \$4,725
- Art After Dark \$2,000
- Hazelwood Christmas Lights \$4,000
- DWAC Website Development \$7,000
- Christmas Decorations \$16,250
- Photography/Videography \$7,500
- Hazelwood Christmas Lights \$4,000
- Richland Creek Greenway-Mountain Creek \$87,781

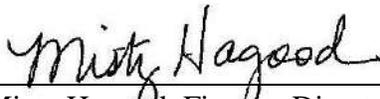
North Carolina Dept. of Environmental Quality

- Waynesville Public Charging \$20,000

**MOTION FOR CONSIDERATION:**

To approve the budget amendment as presented.

**FUNDING SOURCE/IMPACT:** These projects will be funded with the grant funds.

  
\_\_\_\_\_  
Misty Hagood, Finance Director

9/30/2022

\_\_\_\_\_  
Date

**ATTACHMENTS:**

1. Budget Amendment
2. TDA Award Letter
3. Charging Station Award Letter

**MANAGER'S COMMENTS AND RECOMMENDATIONS:**

Recommendation is to approve budget amendment in order to accept awarded grant funds into the budget.

Ordinance No. 0-31-22  
Amendment No. 4 to the 2022-2023 Budget Ordinance

WHEREAS, the Board of Aldermen of the Town of Waynesville, wishes to amend the 2022-2023 Budget Ordinance.

NOW, THEREFORE, BE IT ORDAINED by the Board of Aldermen of the Town of Waynesville that the 2022-2023 Budget Ordinance be amended as follows:

General Fund:

Increase the following revenues:

Grants (TDA Grants)	
Night Before Christmas	\$4,000
Fall Decorations	\$4,000
Mtn. Street Dances	\$4,725
Art After Dark	\$2,000
DWAC Website Development	\$7,000
Christmas Decorations	\$16,250
Photography/Videography	\$7,500
Richland Creek Greenway-Mountain Creek	\$87,781

Increase the following appropriations:

Downtown	\$45,475
Planning	
	\$87,781

Electric Fund:

Increase the following revenues:

Grants (TDA Grant)	
Hazelwood Christmas Lights	\$4,000
Grants (NC DEQ Public Charging)	\$20,000

Increase the following appropriations:

Maintenance	\$24,000
-------------	----------

Adopted this 11th day of October, 2022.

Town of Waynesville

\_\_\_\_\_  
Gary Caldwell  
Mayor

Attest:

\_\_\_\_\_  
Eddie Ward  
Town Clerk

Approved As To Form:

\_\_\_\_\_  
Martha Sharpe Bradley  
Town Attorney



ROY COOPER  
Governor

ELIZABETH S. BISER  
Secretary

### Level 2 Charging Rebate Agreement

Rob Hites  
Town of Waynesville  
PO BOX 100  
Waynesville, NC 28786  
Application Number: 1000013990  
Contact email: rhites@waynesvillenc.gov  
Contact phone: (828) 452-2491

This rebate agreement is for an amount of **\$20,000.00** for Waynesville Public Charging. The final rebate amount will be determined by the maximum rebate amount per port **\$5,000.00** multiplied by the approved number of charging ports **4** up to the approved rebate amount of \$20,000.00, **or** percentage of total actual project invoiced costs **100%**, whichever is less.

By accepting this rebate award, I certify that (please initial):

- The project is not a private residential dwelling other than a multi-unit dwelling.
- An adequate power supply exists to provide power to all charging stations simultaneously. If power supply upgrades are required, I certify that upgrades will be made at installation.
- The charging station(s) will be placed in parking spots restricted to electric vehicle parking only. The parking spots will be designated with appropriate signage outlined in the Request for Proposals, Site Requirements. A single-port charging station must have one EV-only parking spot; a dual-port charging station must have two EV-only parking spots.
- I have a plan to minimize theft of service or vandalism of charging station(s), as applicable.
- I have title ownership to the site or facility where the proposed charging station is being installed; **or**
  - I have attached written approval for the charging station installation and use for a minimum of five years from the title owner of the property; **or**
  - I will submit within 21 business days written approval for charging station installation and use for a minimum of five years from the title owner of the property.
- The charging station(s) will be kept operational and in service for a minimum of five years.
- I certify that the installed Level 2 charging equipment will meet the minimum equipment specifications in the Level 2 Program Request for Proposals.
- I have identified the party responsible for the maintenance and service for a minimum of five years.
- All required permits and approvals will be obtained prior to installation and use of the charging station(s) and the charging station(s) will comply with applicable federal, state, and local laws, to the best of my knowledge.

(continued on next page)



- DS  
RH I will make every effort for the charging station(s) to be Americans with Disabilities Act (ADA) compliant and follow all applicable laws, ordinances, regulations, and standards.
- DS  
RH I will submit quarterly reports on the status of the project to the North Carolina Department of Environmental Quality (NCDEQ) for the previous 3 months within 14 days after the end of each quarter until the project is completed. Reporting quarters end March 31, June 30, September 30, and December 31. Failure to submit required reports will result in NC DEQ suspending the acceptance of any new applications from the applicant. A template for the quarterly report will be provided on the website, <https://deq.nc.gov/vw-settlement/forms>.
- DS  
RH I will submit annual charging station usage data to the North Carolina Department of Environmental Quality (NCDEQ) for the previous 12 months on January 30<sup>th</sup> of each consecutive year for a five year period after installation of the charging station(s) in either a CSV or XLS format. An EV Utilization Annual Reporting template with the required data points will be available on N.C . Volkswagen website, <https://deq.nc.gov/vw-settlement/forms>.
- DS  
RH I will submit a final report to the North Carolina Department of Environmental Quality (NCDEQ) that will include a narrative summary of the project or activity, project results (outputs and outcomes) and the successes and lessons learned for the entire project. A template for the final project report will be made available by NCDEQ on our webpage, <https://deq.nc.gov/vw-settlement/forms>.
- DS  
RH I will upload photographic evidence of installed charger(s) purchased to the DAQ Grants Management System. Complete and include [NCDAQ Form 002 EV Infrastructure Certificate of Installation](#) with required photographic evidence of charger(s).
- DS  
RH I will make the charging station(s) available to NCDEQ to perform a site visit to verify installation and operation prior to claim reimbursement approval by NCDEQ.

Please complete this rebate agreement via DocuSign within **15 business days of the date of this agreement. If NCDEQ does not receive this completed and signed agreement within that time, your rebate award will be forfeited.**

Signature of Authorized Representative	Date
<small>DocuSigned by:</small>  <small>ED0FB107D3DA4C6...</small>	9/22/2022
Print Name	Title
Rob Hites	Town Manager
By signing this agreement, I understand requirements of this agreement and that this award is valid for 548 days from the date this agreement is signed by the Authorized Representative and NCDEQ.	

The NCDEQ reserves the right to request additional documentation and may perform follow-up site visits to ensure compliance with the above requirements.

Signature of NCDEQ Representative	Date
<small>DocuSigned by:</small>  <small>AAC872EA17A4F...</small>	9/26/2022
Print Name	Title
Tommy Kirby	Purchasing Director
<b>Agreement Number:</b>	





HAYWOOD COUNTY  
TOURISM DEVELOPMENT AUTHORITY

May 26, 2022

Jesse Fowler  
Town of Waynesville  
P.O. Box 100  
Waynesville, NC. 28786

Jesse,

The Town of Waynesville was awarded the following 1% TDA Grants for the 22/23 Budget Year:

Downtown Waynesville Photography/Videography	\$7,500
Art After Dark	\$2,000
Mountain Street Dances	\$4,725
Fall Decorations	\$4,000
Night Before Christmas	\$4,000
Waynesville Christmas Decoration	\$16,250
Downtown Waynesville Website Development	\$7,000
28785/86 Destination Marketing	\$100,000
Hazelwood Christmas Lights	\$4,000

These funds are available July 1, 2022, through June 30, 2023. Funding must be used as described in the grant application.

If you have questions or need additional information, please contact me.

Best regards,

Lynn Collins  
Executive Director  
Haywood County Tourism Development Authority

**TOWN OF WAYNESVILLE BOARD OF ALDERMEN  
REQUEST FOR BOARD ACTION  
Meeting Date: Oct 11, 2022**

**SUBJECT:** Capital Purchase Approval

**AGENDA INFORMATION:**

**Agenda Location:** New Business  
**Item Number:**  
**Department:** Fire Department  
**Contact:** Chris Mehaffey  
**Presenter:** Chris Mehaffey

**BRIEF SUMMARY:**

Need board approval for capital purchase of rescue boat and trailer. The funds to be used are from a budgeted rescue equipment line item. Also, need board approval to go with higher bid due to specifications.

**MOTION FOR CONSIDERATION:**

Approve capital purchase and approve higher bid due to specifications.

**FUNDING SOURCE/IMPACT:**

  
\_\_\_\_\_  
Dean Trader, Assistant Finance Director

10/4/2022  
\_\_\_\_\_  
Date

**ATTACHMENTS:**

Three bids and specifications.

**MANAGER'S COMMENTS AND RECOMMENDATIONS:**

## Request for Quote

### Waynesville Fire Department – Inflatable Rescue Boat Package

#### Vendor Information

Defender Industries

42 Great Neck Road, Watford, CT 06385

860-701-3400

Quoted

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Rescue South

865 Beaverdam Road, Canton, NC 28716

828-333-9913

Quoted

---

Gray Beards Marine

147 Lee Rd, Clyde, NC28721

(828) 585-5431

Unable to Quote

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WNC Marine

19089 Great Smoky Mountain Expy, Waynesville, NC 28786

(828) 452-1403

Unable to Quote

---

Air-Sea Safety & Survival

120 Williman St. Charleston, SC 29403

843-723-2722

No return contact when quote requested

Item	RFQ	Defender Industries Quoted Amount	Defender Industries Quoted Amount	Rescue South Quoted Amount	Rescue South Quoted Amount
Inflatable Boat	12'-15' Zodiac Milpro	\$8,217.31 (13.9")	\$9,591 - (15'5")	\$7,806.44 (12'6")	14335.91 (ERB400)
Lettering	Agency name on two sides	**Not able to provide	**Not able to provide	\$7,188.00	Included in IRB price
Outboard motor	Minimum of 30hp four-stroke Pumpjet	\$6,128.00	\$6,128.00	\$6,539.08	\$6,539.08
Fuel system	Minimum of 6 gallon bladder type	\$1,033.99	\$1,033.99	\$1,959.22	\$1,594.22
Inflator	AC powered low psi/ high volume	\$13,999	\$139.99	\$34,500	\$345.00
Trailer	Applicable for boat size	\$2,209.00	\$2,209.00	\$3,250.00	\$3,250.00
Paddles	Commercial 60" paddle(x4)	\$379.96	\$379.96	\$180.00	\$180.00
SCBA/SCUBA inflation system	SCBA/SCUBA inflation system	\$429.99	\$429.99	\$550.00	Included in IRB price
	Misc. (shipping, dealer prep, etc..)	\$181.00	\$181.00	\$3,089.00	\$3,089.00*
<b>Total:</b>		\$21,566.29	\$22,439.93	\$25,756.75	\$31,386.54

\* additional quoted items included

\*\*Not able to provide: similar quoted amount inserted

Rescue South  
 865 Beaverdam Road  
 Canton, NC 28716 US  
 (828) 333-9913  
 accounting@rescuesouth.com



## Quote

### ADDRESS

Captain Cody Parton  
 Waynesville Fire Department  
 1022 North Main Street  
 Waynesville, NC 28786 USA

### SHIP TO

Captain Cody Parton  
 Waynesville Fire Department  
 1022 North Main Street  
 Waynesville, NC 28786 USA

QUOTE # 2513

DATE 09/02/2022

EXPIRATION DATE 10/02/2022

QTY	PRODUCT	DESCRIPTION	RATE	AMOUNT
1	Z80186	MK 2 Grand Raid, Red or Grey, Long Shaft, with I/C Valves	7,806.44	7,806.44T
1	Lettering	Add agency name to boat with glued Hypalon letters.	718.00	718.00T
1	MFS30DL Professional PumpJet	Tohatsu Professional 30HPD Four-Stroke, blue, 20" shaft, rope start, manual trim/tilt, PumpJet, quick connect nipple w/ 1/4" body for fuel system (unless specified otherwise by customer). Includes Rescue South Engine Tether Point, oil, and spare rotor.	6,539.08	6,539.08
1	NC Spec Fuel System	6 US Gallon Zodiac non venting fuel bladder (p/n Z66108) with dripless 12ft fuel line, to include 3/8" brass quick connect sleeve lock w/ female coupling on fuel bladder end. Brass quick connects must be compatible w/ fuels approved and minimum flow by engine manufacturer. Fixtures and hose clamps must be single ear design.	1,594.22	1,594.22T
4	RSA-60P	Commercial 60' paddle, blue T-grip and blade, white shaft	45.00	180.00T
1	RSA-B10	Rescue South Mini Hurricane AC inflator/blower. 3 PSI, 114 CFM, 9.5 amp motor, 10' hose, metallic blue.	345.00	345.00T
1	N00236	SCBA/SCUBA Inflation system	550.00	550.00T
1	Sales	Aluminum 1500lb axle, 3.5" I-beams, 13" tires, LED lights, and aluminum fenders	3,250.00	3,250.00T
1	ME-140-AT-Galvanized	All Terrain Outboard Motor Dolly, Galvanized	739.00	739.00T
1	On Site Delivery	Includes half day of training on assembly and maintenance at Rescue South Shop	750.00	750.00T
1	Discount	Discount on Training	-750.00	-750.00T
1	Freight Charges	Shipping Charges	2,350.00	2,350.00T
1	Jeremy Edmonds	For more information or questions, please contact:	0.00	0.00

Jeremy Edmonds  
Rescue South  
Office: (828) 333-9913 Ext. 701  
Cell: (828) 768-1435  
Jeremy.Edmonds@rescuesouth.com

Have questions about this quote or need additional information?  
Contact information for the Rescue South team member is added as a  
line item above. If not, call us at (828) 333-9913 or send us an email at  
sales@rescuesouth.com.

SUBTOTAL 24,071.74  
TAX (7%) 1,685.02  
TOTAL **\$25,756.76**

We are honored that you considered Rescue South to support your  
mission!

Accepted By

Accepted Date

# MK 2 GR

## GRAND RAID®

LONG SHAFT - RIGID FLOOR

GREY TUBE : P/N Z80184

NATO NUMBER : 1940 140429586



### SIMPLE, STRONG AND RELIABLE

The Grand Raid® name is almost as old as Zodiac Milpro™ itself and has gone through design and feature evolutions to still be very relevant in today's market.

Grand Raid® boats form the backbone of many small boat fleets and are pretty much unique in its full equipment definition.

They continue to answer the needs of users worldwide.

Zodiac Milpro™ is proposing the Mark® 2 Grand Raid® with a reinforced fabric, intercom valve system, a large flow self-bailer and a long shaft transom adapted to new generation engines.



#### CAPACITY

. Maximum number of person (ISO6185) :	7	7
. Maximum payload (ISO6185) :	910 kg	2006 lb
. Floorboard usable area :	2.27 m <sup>2</sup>	24.43 ft <sup>2</sup>
. Buoyancy tube volume :	1.27 m <sup>3</sup>	44.84 ft <sup>3</sup>

#### DIMENSIONS

. Overall length :	4.2 m	13' 9"
. Inside length :	2.90 m	9' 20"
. Overall width :	1.75 m	5' 9"
. Inside width :	0.84 m	2' 9"
. Weight empty (with floor) :	86 kg	190 lb
. Floor weight :	37 kg	82 lb
. Buoyancy tube diameter :	0.45 m	1' 6"
. Folded dimensions :	Bag 1 :	1.30 x 0.68 x 0.35 m <sup>3</sup> 4'9" x 2'6" x 1'8"
	Bag 2 :	1.05 x 0.67 x 0.14 m <sup>3</sup> 3'5" x 2'6" x 0'7"

#### ENGINE POWER

. Shaft length :	L, 508 mm	20"
. Recommended power :	40 hp	30 kW
. Maximum power :	50 hp	38 kW
. Maximum engine weight :	110 kg	242 lb

#### SAFETY / INFLATION

. Airtight compartment on main tube :	3
. Inflatable keel :	1
. Design category (EC 94/25) :	C
. Tube air pressure :	240 mbar 3.4 PSI



#### FABRIC

CSM / Neoprene Duratane® fabric

. Main buoyancy tube :	grey , 1100 dtx, polyester
. Keel buoyancy tube :	black , 1100 dtx, polyester
. Bottom :	black , 1100 dtx, polyester
. Baffle :	black , 1100 dtx, polyester

**FLOOR**

Rigid floor	
. Anti-skid floorboard (anodized aluminum) :	3
. Bow floorboard (marine plywood) :	2
. Stringer, anodized aluminum :	2

**VALVES**

. Intercommunication inflation valve on main tube :	2
. Metal keel inflation valve :	1

**STERN TRANSOM**

. Large flow self bailer w/ sleeve :	1
. Standard self bailer :	1
. Aluminum engine mounting plate (single engine) :	1
. Transom sacrificial plate (marine plywood) :	1
. Transom triangular deflector :	2

**REINFORCEMENTS**

. Peripheral rubbing strake, flat profile, black :	1
. Upper non-slip reinforcement panels :	2
. Large transom ovoid reinforcement :	2
. Rubbing strake underneath keel :	1
. Rubbing strake underneath tube :	2+2
. Transom stainless steel protection shoe :	1

**HANDLING**

. Carrying handle (molded PVC) :	2+2
. Bow handle (nylon) :	1
. Exterior lifeline (peripheral) :	1
. Interior small D-ring :	2+2

**TOWING / LIFTING**

. Bow towing D-ring on tube stainless steel with black coating	1+1
---	-----

**ACCESSORIES**

. Foot bellows + hose :	1
. Repair kit with manometer :	1
. Paddles (aluminum shaft, plastic blade) :	2
. Storage bag :	2

**OPTIONNAL EQUIPMENT**

**TUBE EQUIPMENT**

. Rapid Access Door (RAD)
. Lettering
. Non slip band

**ACCESSORIES**

. Overall cover (boat only or boat + engine)
. Launching wheels aft
. Trailer
. V towing bridle bow
. Mooring kit : anchor, chain, rope
. Watertight bow bag
. Watertight bow pouch
. Waterproof collar bag
. Deck runners kit (with black strap)

**PROPULSION SYSTEM**

. Engine from any brand
. Waterproof bag OB engine indirect
. Flexible fuel tank (6 USG - 22.7 L)
. Retaining harness for fuel tank
. Fuel line

**MISCELLANEOUS**

. Training (commissioning, maintenance, piloting, airdrop...)
---

**Rescue South**  
 865 Beaverdam Road  
 Canton, NC 28716 US  
 (828) 333-9913  
 accounting@rescuesouth.com



Quote

**ADDRESS**  
 Captain Cody Parton  
 Waynesville Fire Department  
 1022 North Main Street  
 Waynesville, NC 28786 USA

**SHIP TO**  
 Captain Cody Parton  
 Waynesville Fire Department  
 1022 North Main Street  
 Waynesville, NC 28786 USA

**QUOTE #** 2514  
**DATE** 09/02/2022  
**EXPIRATION DATE** 10/02/2022

QTY	PRODUCT	DESCRIPTION	RATE	AMOUNT
1	NC Spec ERB400	Zodiac ERB 400 in red (4 meter inflatable rescue boat) w/ high pressure floor to include inter-communicating valves, fast inflation system with SCBA & SCUBA connection to include keel inflation system, single fill line with pressure regulator capable of being used with SCUBA & SCBA, SCUBA bottle sleeve installed in rear floor, transom cap w/ability to pin motor to transom, white lettering "WAYNESVILLE FIRE DEPT" on hypalon panels glued on each side of main buoyancy tubes. Should include heavy duty gorilla handles with CSM/Neoprene patch and not strap.	14,335.91	14,335.91T
1	MFS30DL Professional PumpJet	Tohatsu Professional 30HPD Four-Stroke, blue, 20" shaft, rope start, manual trim/tilt, PumpJet, quick connect nipple w/ 1/4" body for fuel system (unless specified otherwise by customer). Includes Rescue South Engine Tether Point, oil, and spare rotor.	6,539.08	6,539.08
1	NC Spec Fuel System	6 US Gallon Zodiac non venting fuel bladder (p/n Z66108) with dripless 12ft fuel line, to include 3/8" brass quick connect sleeve lock w/ female coupling on fuel bladder end. Brass quick connects must be compatible w/ fuels approved and minimum flow by engine manufacturer. Fixtures and hose clamps must be single ear design.	1,594.22	1,594.22T
4	RSA-60P	Commercial 60' paddle, blue T-grip and blade, white shaft	45.00	180.00T
1	RSA-B10	Rescue South Mini Hurricane AC inflator/blower. 3 PSI, 114 CFM, 9.5 amp motor, 10' hose, metallic blue.	345.00	345.00T
1	Sales	Aluminum 1500lb axle, 3.5" I-beams, 13" tires, LED lights, and aluminum fenders	3,250.00	3,250.00T

Old North State Logistics, LLC DBA Rescue South  
 EIN 46-3510762 - DUNS 07-928-2311 - CAGE 7MA33  
 Past due accounts are subject to 1.5% monthly interest.

QTY	PRODUCT	DESCRIPTION	RATE	AMOUNT
1	<b>ME-140-AT-Galvanized</b>	All Terrain Outboard Motor Dolly, Galvanized	739.00	739.00T
1	<b>On Site Delivery</b>	Includes half day of training on assembly and maintenance at Rescue South Shop	750.00	750.00T
1	<b>Discount</b>	Discount on Training	-750.00	-750.00T
1	<b>Freight Charges</b>	Shipping Charges	2,350.00	2,350.00T
1	<b>Jeremy Edmonds</b>	For more information or questions, please contact:	0.00	0.00

Jeremy Edmonds  
Rescue South  
Office: (828) 333-9913 Ext. 701  
Cell: (828) 768-1435  
Jeremy.Edmonds@rescuesouth.com

Have questions about this quote or need additional information?  
Contact information for the Rescue South team member is added as a  
line item above. If not, call us at (828) 333-9913 or send us an email at  
sales@rescuesouth.com.

<b>SUBTOTAL</b>	29,333.21
<b>TAX (7%)</b>	2,053.33
<b>TOTAL</b>	<b>\$31,386.54</b>

We are honored that you considered Rescue South to support your mission!

Accepted By

Accepted Date

**ERB 400**  
**EMERGENCY RESPONSE BOAT**

---

**LONG SHAFT**

HPP Floor : Z85048  
 Roll-up Floor : Z85051  
 Rigid Floor : Z85054  
 NATO Number : 1940 145637989



***SEARCH & RESCUE APPROVED***

The Zodiac Milpro™ ERB range has been specifically designed to meet the demanding requirements of Search & Rescue Organisations throughout the World.

Our ERB crafts are highly portable, compact packed size and can be rapidly deployed by means of high pressure inflation systems, within minutes.

These specific features, together with the expertise of Zodiac Milpro™, make the ERB range the ideal partner when quality of design and manufacture count.

Zodiac Milpro™ is proposing the ERB range with High pressure air HPP, roll-up or rigid floorboard option.



**CAPACITY**

. Maximum number of persons (ISO6185) :	8	8
. Maximum payload (ISO6185) :	920 kg	2028 lb
. Floorboard usable area :	2.38 m <sup>2</sup>	25.6 ft <sup>2</sup>
. Buoyancy tube volume :	1.35 m <sup>3</sup>	47.7 ft <sup>3</sup>
. HPP floor volume :	0.17 m <sup>3</sup>	6.1 ft <sup>3</sup>

**ENGINE POWER**

. Shaft length :	508 mm	L - 20"
. Transom thickness :	40 mm	1,57"
. Recommended power :	25 HP	19 kW
. Maximum power :	Roll-up floor : 30 HP	22 kW
	HPP-Rigid : 40 HP	30 kW
. Maximum weight :	Roll-up floor : 75 kg	165 lb
	HPP-Rigid : 98 kg	216 lb

**DIMENSIONS**

. Overall length :	4.10 m	13' 5"
. Inside length :	2.80 m	9' 2"
. Overall width :	1.90 m	6' 3"
. Inside width :	0.88 m	2' 11"
. Weight empty (with floor) :	HPP floor : 65 kg	143 lb
	Roll-up floor : 87 kg	192 lb
	Rigid floor : 99 kg	218 lb
. Floor weight :	HPP floor : 9 kg	20 lb
	Roll-up floor : 30 kg	66 lb
	Rigid floor : 43 kg	95 lb
. Buoyancy tube diameter :	0.51 m	20"
. Folded dimensions :	Boat bag : 1,6 x 0,75 x 0,45 m <sup>3</sup>	5' 3" x 2' 6" x 1' 6"

**SAFETY / INFLATION**

. Airtight compartments on main tube :	4
. Inflatable keel :	1
. Design category (EC 2013-53) :	C
. Tube air pressure :	240 mbar 3.4 PSI
. HPP floor air pressure :	1.1 bar 16 PSI



**FABRIC**

**CSM / Neoprene Duratane™ fabric**

. Main buoyancy tube :	red, 1100 dtx, polyester
. Keel buoyancy tube / Baffle :	black, 1100 dtx, polyester
. Bottom :	black, 1100 dtx, polyester

**VALVE**

. Intercommunication inflation valve on main tube :	2
. Overpressure valve on main tube :	2
. Fast inflation point (CO2) :	2
. Connecting hose from main tube to keel :	1
. Metal keel inflation valve :	1

**HPP floor**

. Fast inflation point (CO2) :	1
. Overpressure valve :	1
. Recessed deflating valve :	1

**FLOOR**

**HPP floor**

. Bow fabric panel :	1
. High Pressure CSM vulcanised inflatable floor :	1
. Cylinder attachment sleeve :	1
. D ring on floor	3+3

**Roll-up floor**

. Bow fabric panel :	1
. Aluminium slatted floorboard :	1
. Cylinder attachment sleeve :	1
. D ring on floor	3+3

**Rigid floor**

. Anti-skid floorboard (anodized aluminium) :	3
. Bow floorboard (marine plywood) :	2
. Stringer (anodized aluminium) :	2
. Floorboard bag	1

**STERN TRANSOM**

. Large flow self-bailer w/ sleeve :	1
. Standard self bailer :	1
. Aluminum engine mounting plate (single engine) :	1
. Transom engine reinforced pad (marine plywood) :	1

**OPTIONAL EQUIPMENT**

**TUBE EQUIPMENT**

. Rapid Access Door (RAD) :
. Lettering :
. Non-slip band :

**PROPULSION SYSTEM**

. Engine (any brand or power) / rigging kit
. Waterproof indirect bag OB engine
. Flexible fuel tank (6 USG - 22 L)
. Retaining harness for fuel tank
. Fuel line

**MISCELLANEOUS**

. Training (commissioning, maintenance, piloting, airdrop...)
---

**REINFORCEMENT**

. Peripheral rubbing strake, flat profile, black :	1
. Rubbing strake underneath tube :	2+2
. Rubbing strake underneath keel :	1
. Transom stainless steel protection shoe :	1

**HANDLING / LIFELINE**

. Carrying handle (neoprene strap) :	3+3
. Bow handle (chromed aluminum with black coating) :	1
. Lateral lifeline on lacing cuff :	1+1

**TOWING / LIFTING**

. Bow towing D-ring on patch on tube :	1+1
stainless steel with black coating	
. Aft towing U-bolt on transom :	1+1
stainless steel with black coating	
. Bow lifting D-ring on patch on tube :	1+1
stainless steel with black coating	
. Aft lifting U-bolt on transom :	1+1
stainless steel	

**OTHER EQUIPMENT**

. Bellows foot pump + hose :	1
. Repair kit (manometer included) :	1
. Paddle (telescopic) :	2
. Bow pouch (removable) :	1
. Storage bag :	1
. Fast inflation kit for scuba bottle (air only)	1
. Keel auto inflation kit	1

**ACCESSORIES**

. Overall cover (boat only / boat & engine)
. Trailer
. V towing bridle bow
. V towing bridle aft
. Lifting sling
. Mooring kit : anchor, chain, rope
. Watertight bow bag
. Watertight bow pouch
. Waterproof collar bag
. Dive cylinder 12 L
. Airdrop kit
. Helidrop kit
. Fast inflation kit for scuba bottle (air & CO2)
. Keel auto inflation kit

**Defender Industries, Inc.**

42 Great Neck Road, Waterford, CT 06385-3336

Tel: 860-701-3400 Fax: 860-440-3408

**Z. MILPRO MK3**

TOHATSU MFS30 PUMPJET

ORDER #

QUOTE

DATE

8/23/2022

**SOLD TO:**

WAYNESVILLE FIRE DEPARTMENT  
 ATTN: CAPTAIN CODY PARTON  
 1022 N. MAIN STREET  
 WAYNESVILLE, NC 28786  
 TEL: (828) 246-8274  
 E-MAIL: CPARTON@WAYNESVILLENC.GOV

**SHIP TO:**

PICKUP WHEN READY

ITEM	QUANT.	PRODUCT DESCRIPTION	UNIT PRICE	TOTAL
SKU 459317	1	ZODIAC MIL-PRO MK3 GRAND RAID , 2022 MODEL , RED HYPALON	\$9,591.00	\$9,591.00
#Z80188		LENGTH 15' 5", BEAM 6' 3", BOAT WEIGHT 247 LBS, 20" TUBE DIAMETER	In Stock	
		9 PERSON CAPACITY OR 2692LBS., MAX 65 HP [20" SHAFT LENGTH REQUIRED]		
		SERIAL NUMBER [PENDING]		
SKU 308266	1	TOHATSU MFS30CL 4-STROKE 30HP EFI RESCUEPRO PUMPJET MOTOR, 2022	\$6,128.00	\$6,128.00
		TILLER STEERING, ROPE START, MANUAL TILT, 171 LBS, 20" SHAFT	In Stock	
		SERIAL NUMBER [PENDING]		
SKU 304585	1	TOHATSU #3AC701771M FUEL TANK, 6.6-GALLON	\$109.99	\$109.99
SKU 303018	1	TOHATSU #99998PBA5M FUEL HOSE ASSEMBLY W/PRIMER BULB	\$129.99	\$129.99
SKU 306973	1	ROCKE SOLID MARINE, OUTBOARD MOTOR LIFTING HANDLES, 20-NTH-BLACK	\$154.99	\$154.99
SKU 459211	1	LOADRITE ELITE 16F1200WT GALV. BUNK TRAILER, 1200# CAP., 2022 MODEL	\$2,009.00	\$2,009.00
		14'-16' BOATS, BOW WINCH & STAND, 2" COUPLER, TONGUE JACK INSTALLED	In Stock	
		VIN # [PENDING]		
MISC.	1	TRAILER KEEL ROLLER MODIFICATION, INSTALLATION OF CARPETED	\$200.00	\$200.00
		KEEL-BUNK SUPPORT TO MINIMIZE DAMAGE IN LAUNCH & RETRIEVAL		
DELIVERY	1	TRANSPORT BY BOAT HAULER TO COMMERCIAL FACILITY WITH FORKLIFT	\$1,250.00	\$1,250.00
		DELIVERY COST INCLUDES TRANSPORT & SHRINK WRAPPING		
Defender FEIN 13-5545607 CT Tax #5323944-000 CAGE #1D2Y2 DUNS #00-130-4617				
MISC	4	ASSEMBLY, SET UP ON TRAILER, MISC. RIGGING MATERIALS AND DEALER PREP	\$140.00	\$560.00
<b>MERCHANDISE SUBTOTAL</b>			<b>\$20,132.97</b>	
<b>ORDER SUBTOTAL</b>			<b>\$20,132.97</b>	
SALES TAX		STATE & LOCAL SALES TAX, DETERMINED BY DESTINATION (IF APPLICABLE)		
<b>FULL PAYMENT IS REQUIRED PRIOR TO PICK UP OR DELIVERY</b>				
<b>DEFENDER DOES NOT OFFER OPEN BILLING TERMS</b>				
<b>NOTES:</b>			<b>BALANCE DUE</b>	<b>\$20,132.97</b>

Quote is valid for 5 days Prices subject to change by the manufacturer without notice.

Prices do not include taxes, delivery, optional equipment or registration fees unless otherwise specified.

Product warranties are covered by the manufacturer.

**Defender Industries, Inc.**

42 Great Neck Road, Waterford, CT 06385-3336

Tel: 860-701-3400 Fax: 860-440-3408

**Z. MILPRO MK3**

TOHATSU MFS30 PUMPJET

**ORDER #**

**QUOTE**

DATE

8/23/2022

**SOLD TO:**

WAYNESVILLE FIRE DEPARTMENT  
 ATTN: CAPTAIN CODY PARTON  
 1022 N. MAIN STREET  
 WAYNESVILLE, NC 28786  
 TEL: (828) 246-8274  
 E-MAIL: CPARTON@WAYNESVILLENC.GOV

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WAYNESVILLE FIRE DEPARTMENT  
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 WAYNESVILLE, NC 28786  
 TEL: (828) 246-8274

ITEM	QUANT.	PRODUCT DESCRIPTION	UNIT PRICE	TOTAL
SKU 459317	1	ZODIAC MIL-PRO MK3 GRAND RAID , 2022 MODEL , RED HYPALON	\$9,591.00	\$9,591.00
#Z80188		LENGTH 15' 5", BEAM 6' 3", BOAT WEIGHT 247 LBS, 20" TUBE DIAMETER	In Stock	
		9 PERSON CAPACITY OR 2692LBS., MAX 65 HP [20" SHAFT LENGTH REQUIRED]		
		SERIAL NUMBER [PENDING]		
SKU 308266	1	TOHATSU MFS30CL 4-STROKE 30HP EFI RESCUEPRO PUMPJET MOTOR, 2022	\$6,128.00	\$6,128.00
		TILLER STEERING, ROPE START, MANUAL TILT, 171 LBS, 20" SHAFT	In Stock	
		SERIAL NUMBER [PENDING]		
SKU 304585	1	TOHATSU #3AC701771M FUEL TANK, 6.6-GALLON	\$109.99	\$109.99
SKU 303018	1	TOHATSU #99998PBA5M FUEL HOSE ASSEMBLY W/PRIMER BULB	\$129.99	\$129.99
SKU 306973	1	ROCKE SOLID MARINE, OUTBOARD MOTOR LIFTING HANDLES, 20-NTH-BLACK	\$154.99	\$154.99
Defender FEIN 13-5545607 CT Tax #5323944-000 CAGE #1D2Y2 DUNS #00-130-4617				
FREIGHT	1	TRUCK FREIGHT TO COMMERCIAL ADDRESS PROVIDED, W/ LIFTGATE	\$600.00	\$600.00
<b>MERCHANDISE SUBTOTAL</b>			<b>\$16,713.97</b>	
<b>ORDER SUBTOTAL</b>			<b>\$16,713.97</b>	
SALES TAX		STATE & LOCAL SALES TAX, DETERMINED BY DESTINATION (IF APPLICABLE)		
<b>FULL PAYMENT IS REQUIRED PRIOR TO PICK UP OR DELIVERY</b>				
<b>DEFENDER DOES NOT OFFER OPEN BILLING TERMS</b>				

**NOTES:**

Quote is valid for 5 days. Prices subject to change by the manufacturer without notice.

Prices do not include taxes, delivery, optional equipment or registration fees unless otherwise specified.

Product warranties are covered by the manufacturer.

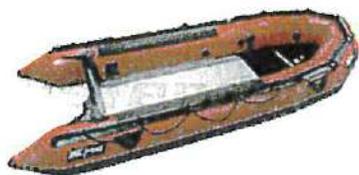
**BALANCE DUE**

**\$16,713.97**

800-202-8727



Search



## Zodiac MilPro Grand Raid Series, 13' 9", Red Inflatable Boat

- Zodiac MilPro Grand Raid MK2, Red 2022
- Length: 13' 9", Material: CSM (Hypalon), 190 lbs

Item #: 459315  
 Brand: Zodiac MilPro  
 Model #: Grand Raid MK2 #Z80186 Red  
 Packaged Weight: 250.00 Lbs.  
 List Price: \$8,217.31  
 MAP Price: \$8,217.31

Status: ● In Stock

Add To Wishlist

Add to Cart

Quantity: 1

Add Item to Cart to See Sale Price

### Description

#### Shipping Note:

**THIS PRODUCT CANNOT SHIP STANDARD GROUND.**

It ships **ONLY** by Truck Freight.

Truck Freight rates change regularly, please fill out this form with all details for a valid shipping quote or call us at 300-628-3225.

This item may be available for Defender Store Pick Up as an alternative to Truck shipping.

**Factory Warranty Begins on Date of purchase**

A veteran of Zodiac's Military and Professional range of craft, the Grand Raid series has been one of the most respected inflatable Boats used world wide. Recently, the series has gone through another evolution, further enhancing its platform. Suitable for a wide range of applications, it is easy to see why the Grand Raid has been around for generations.

The features of this boat include a blunt bow, which increases the usable space of the Boat, and I/C (Inter-communicating) valves, which keep the inflation process simple.

The Grand Raid Series Boats are designed to be functional, durable and versatile. Two people can assemble the Grand Raid and have the craft operational in less than 20 minutes.

#### Specifications:

- Length: 13' 9"
- Beam: 5' 9"
- Hull Weight: 190 lbs
- Capacity: (7) Persons or 2006 lbs
- Maximum power allowed: 50L hp (20" Shaft)
- Maximum Motor Weight: 242 lbs
- Tube Diameter: 18"
  - Separate Air Chambers: (3 + 1)
- Slowed Dimensions:
  - Boat Bag: 4' 9" x 2' 6" x 1' 8"
  - Floor Bag: 3' 5" x 2' 6" x 0' 7"
- Fabric Type: 1100 Decitex, Polyester, Hypalon-Neoprene
- Factory Warranty: 5 years

#### Standard Features Include:

- Non-skid Aluminum Floor with anodized Aluminum stringers
- Bow Floorboard (marine plywood)
- (2) Intercommunication inflation valves on main tubes
- Metal keel inflation valve
- High Flow self bailer w/ sleeve
- Standard self bailer
- Marine plywood transom, Black
- Aluminum engine mounting plate
- All around rub strake, flat profile, black
- Rubbing strakes on keel and tubes
- Transom stainless steel protection shoe
- (4) Carry handles, molded PVC
- Bow handle (Nylon)
- Exterior lifelines (Peripheral)
- (4) Interior tie down D-rings (SS with Black coating)
- Reinforcing seat patches on tubes
- (2) large tow rings on bow (Stainless steel with Black coating)
- Foot pump with hose
- Repair kit with pressure gauge

### Related Product

#### Navisafe Inflatable Boat / Dinghy Complete Navigation Light Kit

Item #: 701809

- Kit Includes: Bow and Stern Nav Lights, Mounts, Pole and Storage Bag

- USCG Approved Navigation Lights in Compliance with COLREG 72
- Applications: Boats up to 39 Feet



List Price: \$267.99  
 Our Price: \$181.99  
 Def 1st Price: \$168.68  
 Model #: 769

#### August Race Liquid RIB Fast Acting Tuba Cleaner - for All Inflatable Boats

Item #: 756739

- Applications: PVC and Hypalon Inflatable Boat Tubes
- Function: Cleans Hypalon and PVC Inflatable Boat Tubes
- Container: 1 Liter Spray Bottle, Use August Race Liquid RIB UV after Cleaning



Our Price: \$34.99  
 Model #: RIBTUBECLEANER

#### Defender Floating Wrist Band with Lanyard Attachment D-Ring

Item #: 457085

- Function: Easily Attach Any Clip Style Lanyard (Lanyards Sold Separately)
- Material: Marine Grade Webbing with Neoprene and Velcro
- Select Color



Our Price: \$12.99  
 Model #: Multiple Colors Available

#### Boarding Ladder for Inflatable Boat

Item #: 455210

- Number of Steps: 3, Dimensions: 31 cm x 101 cm
- Pipe Diameter: 25 mm
- Material: Anodized Aluminum Pipe with Rope Attached



Our Price: \$99.99  
 Model #: 2311-3

#### Tohatsu 30 HP Long Shaft Rescue Pro PumpJet Outboard

Item #: 308266

- Tohatsu MFS30CL Rescue Pro PumpJet 2022
- 30 HP, 20" Shaft, Tiller, Rope start, 171 lbs
- SELL PRICE SHOWN IS ONLY FOR GOV'T AGENCIES



Our Price: \$6,128.00  
 Model #: MFS30CL - PumpJet

#### Prop Guard Propeller Guard

Item #: 302328

- Select Prop Guard Size and Engine Size
- Select Maximum Propeller Diameter
- Select Color



Our Price: \$174.99  
 Model #: Multiple Models Available

Search



### Zodiac MilPro Inflatable Boat Flexible Fuel Bladder

- Type: Elongated Flexible Fuel Tank
- Capacity: 6 US Gallons (22.7 liters)
- Approved for Zodiac MilPro Underwater Cache, AirDrop and HeliDrop Solutions

Item #: 456738  
 Brand: Zodiac MilPro  
 Model #: Z66079  
 Packaged Weight: 8.00 Lbs.  
 List Price: \$1,063.24  
 Our Price: **\$1,033.99**

Status:  In Stock

Quantity: 1

[Add To Wishlist](#)

[Add to Cart](#)

**ONLY 1 LEFT!**

Buy Now While this Item is Still Available!

#### Description

#### Features:

- Zodiac Inflatable Boat Flexible Fuel Bladder
- Type: Elongated Flexible Fuel Tank, Capacity: 6 US Gallons (22.7 liters)
- Approved for Zodiac MilPro Underwater Cache, AirDrop and HeliDrop solutions

#### Specifications:

- Capacity : 22.7 Liter / 6 US Gallons
- Length : 1.03 meter / 3' 05"
- Diameter : 0.31 meter / 12"
- Attachment : Along the buoyancy tube

## Similar Products



Zodiac MilPro Inflatabl...

USD 2,499.99

[View Product](#)



Nauta Heavy Duty Hol...

USD 372.99

[View Product](#)



Nauta Heavy Duty Hol...

USD 419.99

[View Product](#)



Nauta Heavy Du

USD 479.9

[View Prodi](#)



Search



## Tohatsu 30 HP Long Shaft Rescue Pro PumpJet Outboard

- Tohatsu MFS30CL Rescue Pro PumpJet 2022
- 30 HP, 20" Shaft, Tiller, Rope start, 171 lbs
- SELL PRICE SHOWN IS ONLY FOR GOV'T AGENCIES

Item #: 308266  
 Brand: Tohatsu  
 Model #: MFS30CL - PumpJet  
 Packaged Weight: 208.00 Lbs.  
**Our Price: \$6,128.00**

Status: In Stock

Add To Wishlist

Add to Cart

Quantity: 1

Description

Shipping Note:

THIS PRODUCT CANNOT SHIP STANDARD GROUND.

It ships ONLY by Truck Freight.

Truck Freight rates change regularly, please fill out this form with all details for a valid shipping quote or call us at 800-628-8225.

This item may be available for Defender Store Pick Up as an alternative to Truck shipping.

**Factory Warranty Begins on Date of Purchase**

Good choice for First Responders due to shallow water capability, maneuverability, reduced risk of injury to people in the water during rescue and recovery efforts.

The price shown for this engine is only available to Government & Municipal Agencies. Recreational Boaters may purchase a RescuePro motor, however the selling price is higher. Please call or write for a Recreational price.

Specifications:

- Engine Type: 4-Stroke
- Propshaft HP: 30 hp EFI
  - TA30 (TA3010010)
- 3-Cylinder
- Shaft Length 20" (Long Shaft)
- Weight: 168 Lbs
- RPM Range: 5000-6000
- Displacement: 32.09 cu.in.(526 cc)
- Gear Ratio: 2.17:1
- Tiller Steering (Standard Tiller Arm Installed)
- Rope Start
- Manual Tilt
- Color: Aquamarine (Blue)
- Factory Warranty: 5 Years
  - Commercial Warranty: 1 Year

Standard Features Include:

- Forward, Neutral and Reverse shift
- Inlet Entry Protection
- Protected Rotor (Fully Enclosed)
- Water cooled
- Alternator Output: 15 Amps

NOTE: Fuel Tank and Fuel Line are NOT included

[Tohatsu MFS30CL Pumpjet Owner's Manual](#)

[TA30 HP with Pumpjet Technical Data Sheet](#)



California's Proposition 65

NOTE: All specs are from Manufacturer's literature and have not been independently verified.

For additional specs or technical questions please e-mail [outboards@defender.com](mailto:outboards@defender.com)

Related Product

Tohatsu / Nissan OEM Replacement 6.6 Gallon Portable Fuel Tank

Include

- Item #: 304585
- Capacity: 6.6 Gallons, UL Approved
  - Includes Tank-Side Connector and Fuel Gauge
  - Dimensions: 22" L x 15" W x 10" H



List Price: \$111.60  
**Our Price: \$109.99**  
 Model #: 3AC701771M

Tohatsu / Nissan Outboard Motor OEM Fuel Line - 5/16"

Include

- Item #: 303018
- Applications: All Tohatsu 4-Stroke Models
  - Includes Fuel Line, Fuel Fittings and Primer Bulb
  - Length: 72", Supersedes 3H6702001M and 3H6702002M



List Price: \$133.25  
**Our Price: \$129.99**  
 Model #: 99998PBASM

Tohatsu Synthetic Blend 4-Stroke Marine Engine Oil



- Item #: 302282
- Viscosity: SAE 10W-40, Approved for all 4-Stroke Marine Engines
  - Applications: 4-Cycle Outboard, Stern Drive and Inboard Marine Engines (FC-W)
  - Select Container Size

**Our Price: From \$18.99 To \$37.99**  
 Model #: Multiple Sizes Available

Tohatsu Outboard Motor OEM Gasoline Fuel Stabilizer

Include

- Item #: 304043
- Keeping The Fuel Fresh and the Fuel System Clean
  - Improves Engine Performance, Keeps Fuel System and Carburetor Clean
  - Size: 8 Ounce Bottle, Treats Up to 32 Gallons of Gasoline



List Price: \$9.04  
**Our Price: \$3.99**  
 Model #: 332823200M

Defender Floating Wrist Band with Lanyard Attachment D-Ring



- Item #: 457085
- Function: Easily Attach Any Clip Style Lanyard (Lanyards Sold Separately)
  - Material: Marine Grade Webbing with Neoprene and Velcro
  - Select Color

**Our Price: \$12.99**  
 Model #: Multiple Colors Available

Fulton Outboard Motor Lock

Include

- Item #: 302171
- Applications: Outboard Motors with Thumb Screws
  - Keeps Moisture and Grime Out



You Have 2 Items In Your Cart

[Go To My Wishlist](#)



Zodiac MilPro Grand Raid Series, 13' 9", Gray Inflatable Boat

MODEL: Grand Raid MK2 #Z80184 Gray  
 ITEM: 459314  
 STATUS: In stock  
 WEIGHT: 243.0 lbs

UNIT PRICE: \$8,217.00  
 EXT. PRICE: \$8,217.00

Qty: 1

[Update](#)
[Move to Wishlist](#)



Tohatsu 30 HP Long Shaft Rescue Pro PumpJet Outboard

MODEL: MFS30CL - PumpJet  
 ITEM: 308266  
 STATUS: In stock  
 WEIGHT: 208.0 lbs

UNIT PRICE: \$6,128.00  
 EXT. PRICE: \$6,128.00

Qty: 1

[Update](#)
[Move to Wishlist](#)

[Print This Page](#)

[Back to Shopping](#)

[Clear Cart](#)

[Update Cart](#)

**Order Summary**

SUBTOTAL: \$14,345.00  
 TOTAL WEIGHT: 451.0 lbs

- [U.S. Checkout](#)
- [Canadian Checkout](#)
- [International Checkout](#)

To save your shopping cart or wishlist, [log in](#) or [create an account](#)

Comments and special requests can be entered at the last step of checkout

Commercial Account pricing will be reflected on the last checkout page

**Recently Viewed**



[Zodiac MilPro Grand Raid Series 13.9 Gray Inflatable Boat](#)





Search



## Zodiac MilPro Inflatable Boat Emergency Paddle

- Applications: MilPro Inflatables and More
- Material: Synthetic Black Blade with Black Aluminum Handle
- Lightweight and Durable, All-Purpose Paddle

Item #: 458470  
 Brand: Zodiac  
 Model #: Z65055  
 Packaged Weight: 2.30 Lbs.  
 Our Price: **\$94.99**

Status: In Stock

Add To Wishlist

Add to Cart

Quantity: 1

### Description

Rugged, tough and reliable, the Zodiac MilPro Inflatable Boat Emergency Paddle guarantees steadfast performance with each use.

### Features:

- Lightweight and durable, all-purpose paddle
- Delivers sure paddling performance through the toughest of conditions
- Corrosion resistant aluminum shaft
- High impact "T" handle and molded blade

### Specifications:

- Blade Color: Black
- Oar Style: Single piece T-handle paddle
- Material: Black Aluminum shaft with high-impact plastic blade
- Applications: Zodiac MilPro Inflatables, First Responder Inflatables and other Inflatables which use a T-Handle Paddle
- Sold Individually
- Dimensions:
  - (A) Assembled Length: 140 cm
  - (B) Shaft Diameter: 30 mm
  - (C) Blade Length: 55 cm
  - (D) Blade Width: 190 mm



Search

## Scoprega Bravo OV10 Electric Air Pump

- Maximum Pressure: 3.6 PSI, Volume: 1700 Liters / Minute
- Includes Hose Adapters (Pressure Selector Not Included)
- Function: Inflates and Deflates, Power: 120 Volt AC

Item #: 456278

Brand: Scoprega

Model #: K6130440

Packaged Weight: 4.65 Lbs.

Our Price: ~~\$139.99~~

Defender 1st Price: \$119.99

Status: In Stock



Quantity: 1

Add To Wishlist

Add to Cart

### Description

See a video of how easy it is to inflate an Achilles LSI-310E in under 5 minutes!

The Bravo OV10 air pump is a great solution for almost any inflation need.

### Features:

- Rapid inflation and deflation
- Easy to transport
- Thermal cut-out
- Equipped with anti-sand filter
- Includes hose and universal adapters

### Specifications:

- Maximum Power Supply: 120 Volts AC, 60 Hz
- Maximum Watts: 1000
- Maximum Pressure: 3.6 psi
- Flow Rate: 1700 Lt / min (449.1 Gal / min)



Search



## Achilles High Pressure, Rapid Inflation Adapter

- Designed for Achilles FRB Series Inflatables
- For use with a SCUBA Tank or Scott Bottle
- Works with Inflatables Equipped with Over Pressurization Valves

Item #: 456138

Brand: Achilles

Model #: IX1 Achilles AC

Packaged Weight: 2.45 Lbs.

Our Price: **\$429.99**

Status: In Stock

Add To Wishlist

Add to Cart

Quantity: 1

### Description

#### Features:

- Designed for Achilles FRB Series Inflatables
- High Pressure Adapter for use with Scott Bottles and Scuba Tanks for Rapid Inflation
- Can be used on other inflatables equipped with Over Pressurization Valves
- **Note** : Not designed for use on Inflatable Keels

### Related Product

Achilles Inflatable Boat Air Pump Hose Adapters 2-Pack  Include

Item #: 458053

- Applications: 7/8" ID Hand/Foot Pump Hose and Achilles Inflatable Boat Valves
- Hose Barb: 7/8", Valve End (Smooth): 1"
- Material: Molded Hypalon, Sold as a Pair



Our Price: **\$36.99**  
Model #: C5107

Achilles Air Pump Pressure Gauge  Include

Item #: 454651

- Applications: Achilles Inflatable Boats
- Type: Dial Pressure Gauge
- Range: Measures Air Pressure Up to 15 Psi



Our Price: **\$129.99**  
Model #: E135

Achilles High Pressure Air Gauge

Item #: 454664

**TOWN OF WAYNESVILLE BOARD OF ALDERMEN  
REQUEST FOR BOARD ACTION  
September 13, 2022**

**SUBJECT:** Historic Preservation Commission Applicants

**AGENDA INFORMATION:**

**Agenda Location:** New Business  
**Item Number:**  
**Department:** Administration  
**Contact:** Eddie Ward  
**Presenter:** Rob Hites

**BRIEF SUMMARY:** After the Boards and Commission vacancies were filled in July, there were still and unfilled vacancies on the Historic Preservation Commission. We readvertised for those vacancies and have received two applications for consideration. This will complete the Historic Preservation Commission membership.

**MOTION FOR CONSIDERATION:** To appoint one applicant to the Historic Preservation Commission to serve a term of three years ending June 30, 2025.

**FUNDING SOURCE/IMPACT:**

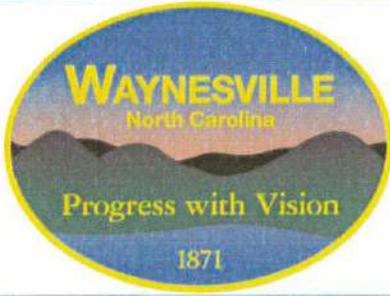
---

Misty Hagood, Finance Director

Date

**ATTACHMENTS:**

**MANAGER'S COMMENTS AND RECOMMENDATIONS:**



TOWN OF WAYNESVILLE, NORTH CAROLINA

Application for Appointment to Boards/Commissions

Please return to the Town Clerk's office.

16 South Main Street, P.O. Box 100, Waynesville, NC 28786

(828) 452-2491

eward@waynesvillenc.gov

Additional Pages and/or a resume may be attached but is not required

NAME Glenn Duerr
STREET ADDRESS 40 Old Hickory St., Waynesville, NC 28786
MAILING ADDRESS Same
PHONE 828-246-0247
E-MAIL glennjenwindover@gmail.com

Please consider me for appointment to the following board(s) or commission(s):

- Alcoholic Beverage Control Board
Community Action Forum
Board of Adjustment
Firemen's Relief Fund Board
Historic Preservation Commission
Homelessness Taskforce (adhoc)
Planning Board
Public Art Commission
Recreation & Parks Advisory Commission
Waynesville Housing Authority
1% Zip Code Subcommittee (TDA)
Cemetery Committee (adhoc)

I am interested in serving on this board or commission because: As an owner of an historic property, I have a deep interest in historic preservation. There needs to be a balance between the old and the new. The HPC can provide guidance needed to maintain this balance.

I have experience/expertise in the following areas and/or have served on the following board or commission: I am a former member of the HPC having served for six years (2014-2020). With this background and experience I feel I'm familiar with the mission and operations of the HPC.

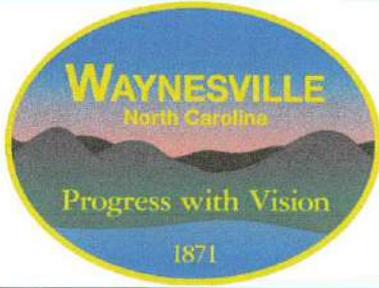
I feel that I can contribute the following to this board or commission I feel I previously contributed to the HPC in a positive way, and I feel I can be of service again. I was instrumental in developing the HPC's coloring book that is distributed to Waynesville 4th graders each year to introduce them to the history of this town in a fun and educational fashion.

Tell us about yourself and your background: My wife and I owned and operated The Windover Inn B+B for 14 years until we retired in 2020. Before that we were both social workers. We still live at Windover (The Howell House) and enjoy and appreciate every day we get to spend in this wonderful home!

If a vacancy exists and I qualify for appointment, I will be contacted for my permission to the appointment. If I am chosen, I will faithfully execute my duty on the selected board or commission.

Signature Glenn Duerr

Date 10-2-22



TOWN OF WAYNESVILLE, NORTH CAROLINA

Application for Appointment to Boards/Commissions

Please return to the Town Clerk's office.

16 South Main Street, P.O. Box 100, Waynesville, NC 28786

(828) 452-2491

eward@waynesvillenc.gov

Additional Pages and/or a resume may be attached but is not required

NAME H.J. Lohse
STREET ADDRESS 44 Hodges Dr Waynesville, NC 28786
MAILING ADDRESS
PHONE (828) 424-9251
E-MAIL hjlohse@gmail.com

Please consider me for appointment to the following board(s) or commission(s):

- Alcoholic Beverage Control Board
Board of Adjustment
Firemen's Relief Fund Board
Historic Preservation Commission
Planning Board
Public Art Commission
Recreation & Parks Advisory Commission
Waynesville Housing Authority
Cemetery Committee

\*\*As of July 27, 2021, the Board of Aldermen now require applicants to any Board and Commission required by statute to be interviewed by the Board of Aldermen. These Boards and Commissions are the Planning Board, Zoning Board of Adjustment, Alcohol Beverage Control Board, and the Waynesville Housing Authority.

I am interested in serving on this board or commission because: I am relatively new to the area and would like to get involved in the community

I have experience/expertise in the following areas and/or have served on the following board or commission: I have no applicable experience or expertise, however, I am a quick learner.

I feel that I can contribute the following to this board or commission: I will show up for all meetings, participate, and learn quickly.

Tell us about yourself and your background: I am 54 yrs old and sell automotive chemicals for a living. My wife and I moved to Waynesville 3.5 yrs ago from Minnesota.

If a vacancy exists and I qualify for appointment, I will be contacted for my permission to the appointment. If I am chosen, I will faithfully execute my duty on the selected board or commission.

Signature [Handwritten Signature]

Date 8/17/22

**TOWN OF WAYNESVILLE BOARD OF ALDERMEN  
REQUEST FOR BOARD ACTION  
Meeting Date: 10-11-2022**

**SUBJECT:** Renewal of Forest Steward's Contract to manage Watershed

**AGENDA INFORMATION:**

**Agenda Location:**

**Item Number:**

**Department:**

**Contact:** Rob Hites, Town Manager

**Presenter:** Rob Hites

**BRIEF SUMMARY**

Forest Stewards has been performing forest management and academic research in Waynesville's watershed for a number of years. They conduct surface water quality testing and forest management practices such as thinning of white pine to encourage growth of hardwoods, and removal of non- native species such as Oriental Bittersweet. The Board recently approved the NC Forest Service and Forest Service to conduct several small, controlled burns to help re-establish a mature Oak canopy in the watershed. They propose a \$42,000 per annum contract, the same as contract amount as the last two years.

**MOTION FOR CONSIDERATION:**

Approve contract

**FUNDING SOURCE/IMPACT:**

The contract amount has been included in the 2022-23 budget

**ATTACHMENTS:**

Contract

**MANAGER'S COMMENTS AND RECOMMENDATIONS:**

Forest stewards is ensuring that best forest management practices are carried out in the watershed. They have a long- range plan to restore the watershed to its appearance prior to the logging practices of the past centuries (minus the chestnuts) as well as removing invasive species of plants. Their water quality test sites provide the Town with important information as to the health of the streams that feed the lake. The Town's partnership with Forest Stewards provides the Town with an important contact with the academic community.

*Forest Stewards, Inc.*  
**SERVICES AGREEMENT**  
**(2022-23)**

**THIS SERVICES AGREEMENT** (the "Agreement") is made between **Forest Stewards, Inc.**, a North Carolina nonprofit corporation ("Forest Stewards"), and the **Town of Waynesville, NC** ("Client").

**RECITALS**

**WHEREAS**, Forest Stewards provides a variety of services related to sustainable forest management in the southern Appalachian Mountains; and

**WHEREAS**, Client desires to engage the services of Forest Stewards.

**NOW, THEREFORE**, in consideration of the terms, conditions, and mutual covenants hereinafter set forth, the parties agree as follows:

**TERMS**

**1.0 Obligations of Forest Stewards.**

- 1.1 Forest Stewards agrees to perform the following tasks in the Waynesville Watershed:
  - a. *Monitor surface water quality*
    - i. *Continue collecting and summarizing surface water quality data within the Waynesville watershed, and to assess stewardship impacts on water quality. A focus will be to develop comprehensive baseline data in the Old Bald/Steestachee Project Area to monitor and document any effects of future stewardship treatments on water quality.*
  - b. *In consultation with town staff and easement holders (SAHC and CTNC), continue monitoring and controlling non-native invasive plant populations. We will focus on areas near the reservoir, including the 2014 white pine thinning unit, and areas in the Old Bald/Steestachee Project Area where future treatments may occur.*
    - i. *Implement chemical and mechanical non-native plant control methods in selected areas consistent with time and resources available. Our efforts will concentrate on controlling invasive species that appear to pose the greatest threat to the establishment of native vegetation.*
    - ii. *Compile and share results of all NNIS control efforts through 2021.*
  - c. *Summarize results of the continuous forest inventory. These plots were established in 2008/09 and the first remeasurement was completed in 2019. The analyses will characterize changes in forest condition between measurements.*
  - d. *In consultation with town staff and easement holders (SAHC and CTNC) continue implementation of proposed stewardship treatments in the Old Bald/Steestachee Project Area that were outlined during the July 2019 stewardship tour.*
  - e. *Collaborate and assist with other entities investigating watershed resources.*
    - i. *Examples include EBCI/USFS ramp harvesting, USFS restoration projects near Lickstone Ridge, WCU wildlife studies, HRI hemlock treatments.*
  - f. *Participate in town meetings and update town officials and the public as needed.*

*g. Continue to maintain biophysical and geospatial databases for the watershed, and create maps and data summaries as requested.*

**2.0 Period of Performance:** July 1, 2022 through June 30, 2023

**3.0 Compensation.**

3.1 It is agreed that the total compensation to Forest Stewards for services performed under this Agreement shall be **forty-two thousand dollars (\$42,000)**.

3.2 Invoices will be submitted for payment to be made per the following schedule:

\$15,000 will be due on November 30, 2022

\$15,000 will be due on March 1, 2023

\$12,000 will be due on June 30, 2023

3.3 Payment shall be made by Client to Forest Stewards upon receipt of invoice and mailed to the following address:

Forest Stewards, Inc.  
331 Stillwell Building  
Western Carolina University  
Cullowhee, NC 28723

3.4 The tax identification number of Forest Stewards, Inc. is: 26-2624364

**4.0 Termination.**

4.1 In the event that either party shall commit any breach of or default in any of the terms or conditions of this Agreement, and also shall fail to remedy such default or breach within thirty (30) days after receipt of written notice thereof from the other party hereto, the party giving notice may, at its option and in addition to any other remedies which it may have at law or in equity, terminate this Agreement by sending notice of termination in writing to the other party to such effect, and such termination shall be effective as of the date of the receipt of such notice.

4.2 Termination of this Agreement by either party for any reason shall not affect the rights and obligations of the parties accrued prior to the effective date of termination of this Agreement.

**5.0 Dissemination of results.**

5.1 Client acknowledges that Forest Stewards is an associated entity of Western Carolina University (WCU), and that certain findings and results of this project may be publishable or otherwise be made available to the public. Client agrees that WCU researchers and others engaged in the project shall be permitted to present at symposia, national, or regional professional meetings, and to publish in journals, theses, or dissertations, or otherwise of their own choosing.

**6.0 Insurance.**

6.1 At all times during the term of this Agreement, Forest Stewards shall obtain and maintain in full force and effect: (a) worker's compensation insurance, and (b) comprehensive general liability insurance, in amounts of not less than One Million Dollars (\$1,000,000) per occurrence and Two Million Dollars (\$2,000,000) in the annual aggregate, in connection with the Project and services described in this Agreement. Certificates of insurance evidencing such insurance coverages will be provided to Client upon reasonable request. Forest Stewards shall give five (5) day's written notice to Client of the termination or cancellation of any such policies of insurance.

## **7.0 Independent Contractors.**

7.1 In the performance of all services hereunder, Forest Stewards shall be deemed to be and shall be an independent contractor and, as such, Forest Stewards shall not be entitled to any benefits applicable to employees of Client. Neither party is authorized or empowered to act as agent for the other for any purpose and shall not on behalf of the other enter into any contract, warranty, or representation as to any matter. Neither shall be bound by the acts or conduct of the other.

## **8.0 Hazardous Materials and Other Dangers.**

8.1 Client shall notify Forest Stewards in writing before any work is performed of all known hazardous materials, hazardous conditions, and any other safety risks existing on the property that is the subject of this Agreement. Client shall indemnify, protect, defend, and hold harmless Forest Stewards and its directors, officers, agents, employees, representatives, and assigns from and against any and all claims, demands, suits, and causes of action and any and all liabilities, costs, damages, expenses, and judgments incurred that relate to or arise out of the Client's failure or refusal to notify Forest Stewards of known hazardous materials or conditions pursuant to this Paragraph 8.

## **9.0 Miscellaneous Terms.**

9.1 Assignment. Neither party may assign any of its rights or delegate any of its obligations hereunder without first obtaining the prior written consent of the other party hereto. This Agreement inures to the benefit of, and is binding upon, the successors and permitted assigns of the parties hereto.

9.2 Binding Effect. Subject to the provisions of this Agreement relating to transferability, this Agreement will be binding upon and inure to the benefit of the parties and their respective successors, heirs, legal representatives, and assigns.

9.3 Entire Agreement/Amendments. This Agreement contains the entire understanding between the parties hereto and supersedes all prior agreements, understandings, and arrangements between the parties relating to the subject matter hereof. No amendment, change, modification or alteration of the terms and conditions hereof shall be binding unless evidenced by a writing signed by the parties hereto.

9.4 Force Majure. No party to this Agreement shall be liable for failure to perform any duty or obligation that said party may have under this Agreement where such failure has been occasioned by any act of God, fire, strike, unavoidable accident, natural disaster, epidemic or pandemic, war or any cause outside the reasonable control of the party who had the duty to perform.

9.5 Governing Law and Venue. This Agreement and the rights and obligations of the parties hereunder shall in all respects be governed by the substantive law of the State of North Carolina, including all matters of construction, validity and performance. This provision shall survive the term of the Agreement. The parties hereto agree that the venue of any lawsuit filed in connection with this Agreement shall be Jackson County, North Carolina.

**IN WITNESS WHEREOF**, the parties hereto have executed this Agreement effective as of the date last hereinafter written.

**Client**

**Forest Stewards, Inc**

By: \_\_\_\_\_

By:   
Peter C. Bates

Title: \_\_\_\_\_

Title: President, Board of Directors

Date: \_\_\_\_\_

Date: August 19, 2022

—

By: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

**TOWN OF WAYNESVILLE BOARD OF ALDERMEN  
REQUEST FOR BOARD ACTION  
Meeting Date: 10/11/22**

**SUBJECT** Request of Travis Crisp for Town to Lease and pave parking area beside 237 Depot Street (old Clayton building).

**AGENDA INFORMATION:**

**Agenda Location:** New Business  
**Item Number:**  
**Department:** Administration  
**Contact:** Rob Hites  
**Presenter:** **Rob Hites**

**BRIEF SUMMARY**

Travis and Morgan Crisp have purchased 237 Depot Street from James Clayton. In addition to this purchase, they have either purchased or leased many of the buildings on Depot Street and on the southwest side of Depot Street. In order to increase the number of off- street parking spaces in Frog Level, Mr. Crisp requests that the Town lease the private lot adjacent to the building on 237 Depot St. on a long- term basis, pave and light it and take it over as a public parking lot.

In 2018 the Board requested Mr. Clayton lease this parcel to the Town in order to maximize the off- street parking in Frog Level. Preston Gregg designed a parking lot for both the current lot and Mr. Clayton's lot. The main lot yielded 25 spaces and Mr. Clayton's lot yielded an additional 15 spaces. The 2018 estimate for paving alone yielded \$2,108 per space in the main lot and \$1,852 for the Clayton lot. The lighting estimate for the main lot was \$1,280 per space or \$32,000. The Clayton Lot is more compact and should be cheaper to illuminate. We have estimated the current cost of paving the Clayton Lot at \$35,000 or \$2,333 per space. The cost of lighting fixtures has risen dramatically so I have estimated the cost of lighting at \$4,000 per fixture or \$24,000. Total project cost of the lot including lighting would be approximately \$59,000.

**MOTION FOR CONSIDERATION:**

Authorize the staff to negotiate a long- term lease for the vacant lot adjacent to Depot Street (Pin # 8615-28-7644) with Travis Crisp and the railroad and return to the Board for further action.

**FUNDING SOURCE/IMPACT:** General

**ATTACHMENTS:**

Map of both Main and Crisp parcels, Haywood Tax Card on Crisp Parcel

**MANAGER'S COMMENTS AND RECOMMENDATIONS**

In 2018, leasing and paving this parcel to increase off-street parking in Frog Level was requested by the Board. At that time, the property owner was not interested in leasing the property for a public parking area. It would seem reasonable to determine the current cost and benefit to constructing a public lot on this parcel. The negotiation of a lease with the railroad will take a few months so should the Board choose to carry out the project we would place it in the 2023-24 budget.

# Report For

237 DEPOT STREET LLC  
186 BOBCAT TRL  
CLYDE, NC 28721-9443

## Account Information

**PIN:** 8615-28-7644

**Legal Ref:** 1056/1170

**Add Ref:**

## Site Information

DEPOT ST

**Heated Area:**

**Year Built:**

**Total Acreage:** 0.14

**Township:** Town of Waynesville

## Site Value Information

**Land Value:** \$29,900

**Building Value:** \$0

**Market Value:** \$29,900

**Deferred Value:** \$0

**Assessed Value:** \$29,900

**Sale Price:** \$265,000

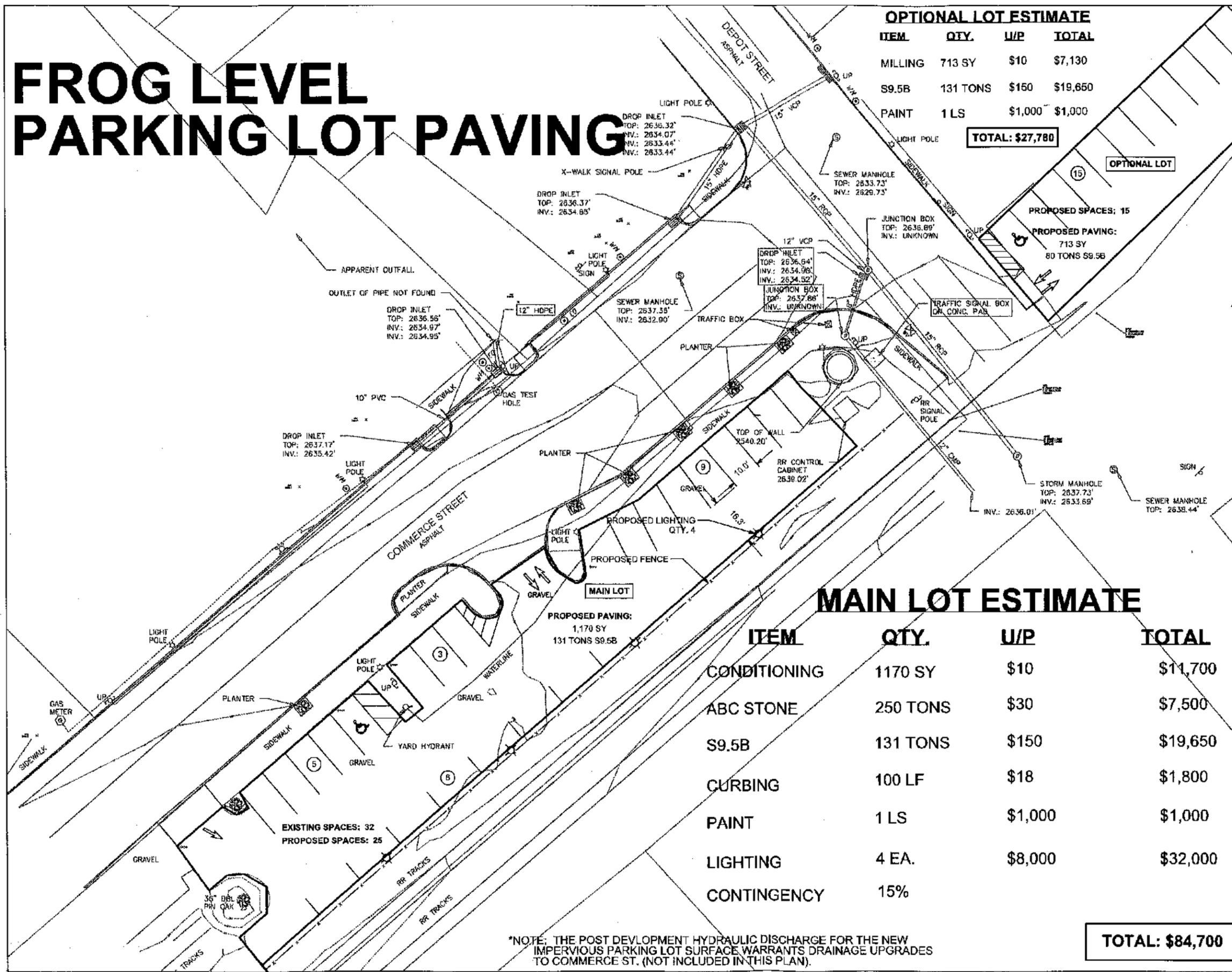
**Sale Date:** 2/25/2022



1 inch = 50 feet  
October 4, 2022

Disclaimer: The maps on this site are not surveys. They are prepared from the inventory of real property found within this jurisdiction and are compiled from recorded deeds, plats and other public records and data. Users of this site are hereby notified that the aforementioned public primary information sources should be consulted for verification of any information contained on these maps. Haywood county and the website provider assume no legal responsibility for the information contained on these maps.

# FROG LEVEL PARKING LOT PAVING



## OPTIONAL LOT ESTIMATE

ITEM	QTY.	U/P	TOTAL
MILLING	713 SY	\$10	\$7,130
S9.5B	131 TONS	\$150	\$19,650
PAINT	1 LS	\$1,000	\$1,000

**TOTAL: \$27,780**

PROPOSED SPACES: 15

PROPOSED PAVING:  
713 SY  
80 TONS S9.5B

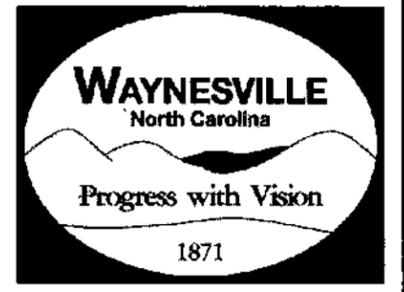
## MAIN LOT ESTIMATE

ITEM	QTY.	U/P	TOTAL
CONDITIONING	1170 SY	\$10	\$11,700
ABC STONE	250 TONS	\$30	\$7,500
S9.5B	131 TONS	\$150	\$19,650
CURBING	100 LF	\$18	\$1,800
PAINT	1 LS	\$1,000	\$1,000
LIGHTING	4 EA.	\$8,000	\$32,000
CONTINGENCY	15%		

**TOTAL: \$84,700**

\*NOTE: THE POST DEVELOPMENT HYDRAULIC DISCHARGE FOR THE NEW IMPERVIOUS PARKING LOT SURFACE WARRANTS DRAINAGE UPGRADES TO COMMERCE ST. (NOT INCLUDED IN THIS PLAN).

NOTES



REVISIONS



OFFICE OF ISSUE: Town of Waynesville

CONTRACTOR

PROJECT  
FROG LEVEL PARKING LOT

TITLE

PROJECT NO.	DATE

SCALE: NTS