

# HANOVER FIRE PROTECTION DISTRICT

May 7, 2023

*This meeting is being recorded to assist in the production of meeting minutes.*

1. CHANGES TO AGENDA/POSTPONEMENTS
2. PUBLIC COMMENT:
3. APPROVAL OF THE MINUTES FROM April
4. REGULAR BUSINESS:
  - a. Treasurer's Report for May
  - b. Chief's Report
5. OLD BUSINESS:
  - a. Christmas gifts 2022
  - b. Special districts record retention.
  - c. Tri Lakes engine
  - d. District Board Audit
  - e. Reporting software
  - f. Station 2 Vehicle Exhaust system
  - g. Pump, Hose and Ladder Testing
6. NEW BUSINESS:
  - a. Swearing in new Board members.
  - b. Election of new Board Positions
  - c. 3541 Replacement Recommendation
  - d. ISO results
7. OTHER BUSINESS:
8. FUTURE AGENDA ITEMS:
9. BOARD COMMENTS
10. EXECUTIVE SESSION REQUESTS

*In accordance with the Colorado Open Meetings Law, Section 24-6-402 (4), the Hanover Fire Department, in open session, will determine whether it will hold a closed executive session. The matter for executive session will be limited to the topics identifies in Section 24-6-402 (4) of the Open Meetings Law, and the topic for discussion will be stated in the open session in as much detail as possible without compromising*

# HANOVER FIRE PROTECTION DISTRICT

May 7, 2023

*the purpose of the executive session. The Chair shall poll the Hanover Board members, and upon consent of two-thirds of the members present, an executive session will be held. If consent to the executive session is not given, the item may be discussed in open session or withdrawn from consideration*

§ 24-6-402 (4) (e) C.R.S. Determine the District's position on matters that may be subject to negotiations; developing strategy for negotiations; and instructing negotiators.

b) Conducting the Executive Session. No adoption of any proposed policy, position, resolution, rule, regulation, or form action, except the review, approval, and amendment of the minutes of an Execution Session recorded shall be taken while in Executive Session. The discussion in an Executive Session shall be limited to the reason(s) for which the Executive Session was called. All discussions in Executive Session shall be held in strict confidence by every individual attending the Executive Session, and shall not be disclosed to any third person or entity without the affirmative majority vote of a quorum of the Board members at a properly noticed meeting, except when required by law.

(c) Documentation of the Executive Session. Each Executive Session shall be electronically recorded, unless the District's legal counsel states on the record that an Executive Session, or portion of the Executive Session, constitutes an attorney-client communication, in which case the portion of the Executive Session constituting an attorney shall not be recorded.

(d) After Executive Session. The record of any executive session shall be retained by the District for ninety days (90) and then destroyed or erased, unless an affirmative majority vote of a quorum of the Board members at a properly noticed meeting directs otherwise.

(e) Adjournment and Continuance of Meetings. When a Regular or Special meeting is for any reason continued to another time and place, notice need not be given of the continued meeting if the time and place of such meeting are announced at the meeting at which the continuance is taken, except as required by law. At the continued meeting, any business may be transacted which could have been transacted at the original meeting.

## 11. ADJOURNMENT

# Hanover Fire Protection District

## Profit and Loss

April 2023

	TOTAL
Income	
Earned Revenues	20,503.36
<b>Total Income</b>	<b>\$20,503.36</b>
GROSS PROFIT	<b>\$20,503.36</b>
Expenses	
Administrative Expense	
Bank Service Charge	33.72
Office Supplies and Materials	318.00
Professional Services fees	
Accounting	250.00
Legal Fees & Notices	41.54
<b>Total Professional Services fees</b>	<b>291.54</b>
<b>Total Administrative Expense</b>	<b>643.26</b>
Benefits	
Health Insurance	1,514.18
Insurance - Workmans Comp	0.00
<b>Total Benefits</b>	<b>1,514.18</b>
Communications	
Cellular Support	50.92
County Paging Net/ 911	194.45
Web Page	75.00
<b>Total Communications</b>	<b>320.37</b>
Ems Training	104.00
Maintenance	
Stations Maintenance	249.17
Vehicle Maintenance	737.75
<b>Total Maintenance</b>	<b>986.92</b>
Operation	
Building & Vehicle Insurance	157.50
Medical Supplies Expendables	818.82
Telephone	782.45
Utilities	1,507.27
<b>Total Operation</b>	<b>3,266.04</b>
Other Miscellaneous Expenses	
Volunteer FF Deployment	325.00
<b>Total Other Miscellaneous Expenses</b>	<b>325.00</b>
Payroll Expenses	
Taxes	1,561.37
Wage	8,621.80
<b>Total Payroll Expenses</b>	<b>10,183.17</b>

# Hanover Fire Protection District

## Profit and Loss

April 2023

	TOTAL
Training	
Training - Chief	225.00
Training - Fire	2,044.08
<b>Total Training</b>	<b>2,269.08</b>
<b>Total Expenses</b>	<b>\$19,612.02</b>
NET OPERATING INCOME	<b>\$891.34</b>
Other Income	
Interest Income	29.40
<b>Total Other Income</b>	<b>\$29.40</b>
NET OTHER INCOME	<b>\$29.40</b>
NET INCOME	<b>\$920.74</b>

# Hanover Fire Protection District

## Profit and Loss January - April, 2023

	TOTAL
<b>Income</b>	
Earned Revenues	144,904.53
Contract Services	255.26
<b>Total Earned Revenues</b>	<b>145,159.79</b>
Fuel Rebates	1,950.93
<b>Total Income</b>	<b>\$147,110.72</b>
<b>GROSS PROFIT</b>	
	<b>\$147,110.72</b>
<b>Expenses</b>	
Administrative Expense	
Bank Service Charge	120.24
Election	628.50
Office Supplies and Materials	1,160.66
Professional Services fees	
Accounting	1,000.00
Legal Fees & Notices	581.54
<b>Total Professional Services fees</b>	<b>1,581.54</b>
Recruitment Retention	150.75
<b>Total Administrative Expense</b>	<b>3,641.69</b>
Benefits	
Health Insurance	3,977.20
Insurance - Workmans Comp	8,032.00
<b>Total Benefits</b>	<b>12,009.20</b>
Communications	
Cellular Support	8,345.07
County Paging Net/ 911	194.45
Web Page	351.00
<b>Total Communications</b>	<b>8,890.52</b>
Dues and Subscriptions Expense	150.00
Ems Training	304.00
Maintenance	
Radio & Pager Maintenance	660.00
Stations Maintenance	3,771.70
Vehicle Maintenance	58,993.72
<b>Total Maintenance</b>	<b>63,425.42</b>
Operation	
Building & Vehicle Insurance	157.50
Fuel and oil	10,887.72
Insurance -Liability	6,112.00
Medical Supplies Expendables	5,248.76
Telephone	2,865.68

# Hanover Fire Protection District

## Profit and Loss

January - April, 2023

	TOTAL
Utilities	5,535.59
<b>Total Operation</b>	<b>30,807.25</b>
Other Miscellaneous Expenses	
Volunteer FF Deployment	1,095.00
<b>Total Other Miscellaneous Expenses</b>	<b>1,095.00</b>
Payroll Expenses	
Taxes	13,852.66
Wage	75,391.63
<b>Total Payroll Expenses</b>	<b>89,244.29</b>
Training	
Training - Chief	4,027.24
Training - Fire	5,536.21
<b>Total Training</b>	<b>9,563.45</b>
<b>Total Expenses</b>	<b>\$219,130.82</b>
NET OPERATING INCOME	<b>\$-72,020.10</b>
Other Income	
Interest Income	148.99
<b>Total Other Income</b>	<b>\$148.99</b>
NET OTHER INCOME	<b>\$148.99</b>
NET INCOME	<b>\$-71,871.11</b>

# Hanover Fire Protection District

## Balance Sheet

As of April 30, 2023

	TOTAL
<b>ASSETS</b>	
Current Assets	
Bank Accounts	
Colorado Trust	4,198.61
UMB Checking-0624	47,285.28
UMB Money Mkt-5659	244,179.79
UMB MonMkt2-4912	119,690.71
<b>Total Bank Accounts</b>	<b>\$415,354.39</b>
Accounts Receivable	
Accounts Receivable	211.00
<b>Total Accounts Receivable</b>	<b>\$211.00</b>
Other Current Assets	
Generator	7,140.00
Payroll Corrections	0.00
Prepaid Insurance	0.00
Prepaid Repairs Stations 1&2	122,926.88
Undeposited Funds	0.00
Vol Disability Insurance	4,047.95
<b>Total Other Current Assets</b>	<b>\$134,114.83</b>
<b>Total Current Assets</b>	<b>\$549,680.22</b>
Fixed Assets	
Accumulate Depreciation	-998,343.33
Building improvements	2,797.60
Capital - Fence	3,817.00
Capital - Fixed Support Equip	72,149.38
Capital Lease-3511 Fire Truck	26,000.00
Fire Station - Improvements	55,405.70
Station 1	1,650.00
Station 2 - cost	223,801.81
Station 2 Expansion	422,526.14
Station 2 Office	0.00
Station 3	131,297.38
Station 3 Gas install	0.00
<b>Total Fire Station - Improvements</b>	<b>834,681.63</b>
Fixed Asset Software	30,615.26

# Hanover Fire Protection District

## Balance Sheet

As of April 30, 2023

	TOTAL
Furniture & Equipment	15,802.02
2 New Radios	6,765.44
2007 Dodge Durango Console	1,577.99
2007 Light	13,602.10
3/4 HP Brown Pump - Well Pump	0.00
AEDs	2,530.34
Bunk Gear 7 Sets	0.00
Bunker Gear Sets	65,389.31
Cascade System	29,729.49
Computer- Mobile	8,092.88
Equipment 1	0.00
Equipment 2	0.00
Extractor	8,585.48
Extrication Equipment	33,182.00
Fire Hose	34,030.00
Laptop computer sets	4,415.85
Mechanical CPR Unit	11,814.50
Med Stair chairs	6,105.60
Metal Bldg 2011	0.00
Minitor II Pagers	0.00
Mob Radio	3,147.36
Network Page Net Convert	0.00
New Door	0.00
Office Equipment	17,019.83
PPR Comm Norwest	0.00
Radio (1) 2020	10,630.79
Radio 3570	0.00
Radio Motorlas	46,353.18
Radio/Pagers (2)	16,108.65
SCBAs (8)	71,777.39
TVs 2020	7,710.45
Units	1,439.88
Wildland Firefighting gear	80,429.01
Wildland Pump	5,335.00
<b>Total Furniture &amp; Equipment</b>	<b>501,574.54</b>
Radio/Pager 2020	16,928.90
Shelters2020	4,483.70
Streamlight Fire Vulcan System	539.81
Surveillance Equipment 2020	7,119.97



# Hanover Fire Protection District

## Balance Sheet

As of April 30, 2023

	TOTAL
Vehicles & Trucks	370,284.14
1989 Pierce Arrow Engine	17,000.00
1992 Chev Ambulance	2,000.00
1997 Pierce Engine	27,000.00
2 Fire Brush Truck	-35,000.00
2000 Ford Ambulance	29,000.00
2003 Ford 250 & 2007 Dodge Dura	4,320.00
2008 Brush Truck 3	283,551.89
2008 Tanker	0.00
2009 Suburban	14,746.20
2013 Chevy Tahoe	-19,170.00
2021 Chevy Silverado	57,098.44
2022 Chevy Ex Cab	85,718.90
Ambulance 2015 Chev	121,950.00
Chief Truck	31,496.56
Dep Chief Vehicle	16,731.41
Engine 3511(1999)	120,055.16
Equipment	17,858.64
Vehicle-Hose Roller	9,240.00
<b>Total Equipment</b>	<b>27,098.64</b>
Fast Attack-2 2021	33,823.90
Fire Truck	600.00
Fire Truck 1986 F800	0.00
Fire Truck 2001 3521	61,451.31
Fire Truck 2005 3522	87,292.99
Fire Truck 2021 5500 Chevy	24,964.63
Fire Truck A7 (3512)	22,500.00
Ford Expedition 2012	4,000.00
Snow Mobile Trailer	6,912.77
Support Trailer	58,973.67
Truck	0.00
<b>Total Vehicles &amp; Trucks</b>	<b>1,454,400.61</b>
<b>Total Fixed Assets</b>	<b>\$1,956,764.47</b>
Other Assets	
Pension Fund	411,283.43
Prepaid Utilities	26,585.00
<b>Total Other Assets</b>	<b>\$437,868.43</b>
<b>TOTAL ASSETS</b>	<b>\$2,944,313.12</b>

# Hanover Fire Protection District

## Balance Sheet

As of April 30, 2023

	TOTAL
<b>LIABILITIES AND EQUITY</b>	
Liabilities	
Current Liabilities	
Accounts Payable	
Accounts Payable	0.00
<b>Total Accounts Payable</b>	<b>\$0.00</b>
Credit Cards	
Capital One Credit Card	5,934.67
Visa-UMB-9581	0.00
<b>Total Credit Cards</b>	<b>\$5,934.67</b>
Other Current Liabilities	
Colorado Department of Revenue Payable	0.00
Direct Deposit Liabilities	0.00
Direct Deposit Payable	0.00
Notes Payable	0.00
Payroll Liabilities	17,971.62
941- Social & Medicare	-0.99
Archuleta Child Support	110.00
CO Income Tax	-1,998.00
CO Paid Family and Medical Leave	38.80
CO Unemployment Tax	7,833.19
Federal Taxes (941/944)	5.88
Federal Unemployment (940)	126.00
Federal Withholding	0.00
FUTA- Federal Unemployment	126.00
State Wage Withholding	0.00
SUTA- State Unemployment	-322.53
<b>Total Payroll Liabilities</b>	<b>23,889.97</b>
<b>Total Other Current Liabilities</b>	<b>\$23,889.97</b>
<b>Total Current Liabilities</b>	<b>\$29,824.64</b>
Long-Term Liabilities	
Lease Purchase Payable	-80,854.26
Loan to Sate Bank-3511 Fire Tru	26,000.00
<b>Total Long-Term Liabilities</b>	<b>\$-54,854.26</b>
<b>Total Liabilities</b>	<b>\$-25,029.62</b>
Equity	
Opening Balance Equity	840,943.83
Retained Earnings	2,200,270.02
Net Income	-71,871.11
<b>Total Equity</b>	<b>\$2,969,342.74</b>
<b>TOTAL LIABILITIES AND EQUITY</b>	<b>\$2,944,313.12</b>



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**Building plan reviews / Inspections (No Updates)**

**Equipment Testing (No Updates)**

**Personal (NTR)**

**Grants (NTR)**

1. ESA Grant (NTR)
  - a. This grant is 100% funded. We should hear something in the next few months about this grant. The number of AED may be reduced due to the amount of request.
2. Fire fighter disease and safety grant
  - a. This grant was for Rit packs 1 per engine. We should receive something back on this grant in about 3-4 months. This grant was also 100% funded.

**Training**

1. Deputy Chief
  - a. Is in Loveland this week finishing up his last COTC class (Command and Control at target hazards)
2. Chad
  - a. will be attending Auto X in Arvada May11-13
3. National Fire Academy April
  - a. We set 2 Firefighters and 1 BC up for training last month.

**Radios (NTR)**



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### **Old Items (Still Working)**

1. SDA road trip training (Fountain)
  - a. Fountain Sanitation District 11545 Link Rd on 20 June 2023 0800-1300
    - i. These lively and educational trainings apply to all types of districts (not just Title 32 districts) and are sure to provide a wealth of valuable information for your district. Whether you are a Board member or district employee, a seasoned veteran or brand new to your position, we will have something for everyone. Plus, this is a great way for any newly elected or appointed Board members to dive right into the special district world. We will cover a wide variety of important topics such as conflicts of interest, TABOR, notice of meetings, and district powers, just to name a few. We'll also walk through our 2023 legislative update and review how this year's legislative changes affect your district. On top of all this, every attendee will receive a copy of the 2023 SDA Board Member Manual.
2. SDA training
  - a. Board and Chiefs conference / training
    - i. SDA Annual Conference 12-14 September
  - b. I believe that we need to attend this conference to see what new regulations and laws that are going into effect on the 1<sup>st</sup> of the year so we can be better prepared.

### **New items**

1. Agency SOP
  - a. The Deputy Chief and I are working on updating the department SOP's and merging some of the volunteer by-laws into department revised SOP's. Should have this document completed in about 60 days.



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2. Department short- and long-term plans
  - a. The officers are updating our plans. Should have them completed in the next month or so.
  
3. State legislative bill tracker
  - a. **SB23-017 Additional Uses Paid Sick Leave (Sent to Governor for signature)**
    - i. The bill allows an employee to use accrued paid sick leave when the employee needs to: ! Care for a family member whose school or place of care has been closed due to inclement weather, loss of power, loss of heating, loss of water, or other unexpected occurrence or event that results in the closure of the family member's school or place of care; or Grieve, attend funeral services or a memorial, or deal with financial and legal matters that arise after the death of a family member
  
  - a. **SB23-213 Land Use (Senate Considered House Amendments - Result was to Laid Over)**
    - i. The land use SB23-213 bill was last minute addition. Currently the bill only affects tier 1 cities. 1000 or more citizens and has a metapopulation panning organization. There are a lot of parts to this bill and timeline benchmarks. I could see that counties with tier 1 cites could be added into this bill and if that happens, we could see a possible surge In additional accessory dwelling units (ADU)
  
  - b. **SB23-111 Public Employees' Workplace Protection**  
(Bill signed by Senate President sent to Governor).

The "National Labor Relations Act" does not apply to federal, state, or local governments and the "Colorado Labor Peace Act" excludes governmental entities, with an exception for mass transportation systems, leaving public employees without the protection afforded by these labor laws. The bill grants certain public employees, including individuals employed by counties,



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municipalities, fire authorities, school districts, public colleges and universities, library districts, special districts, public defender's offices, the university of

Colorado hospital authority, the Denver health and hospital authority, the general assembly, and a board of cooperative services, the right to:

- Discuss or express views regarding public employee representation or workplace issues.
- Engage in protected, concerted activity for the purpose of mutual aid or protection.
- Fully participate in the political process while off duty and not in uniform, including speaking with members of the public employer's governing body on terms and conditions of employment and any matter of public concern and engaging in other political activities in the same
- manner as other citizens of Colorado without discrimination, intimidation, or retaliation; and
- Organize, form, join, or assist an employee organization or refrain from organizing, forming, joining, or assisting an employee organization.

The bill also prohibits certain public employers from discriminating against, coercing, intimidating, interfering with, or imposing reprisals against a public employee for engaging in any of the rights granted.

The Colorado department of labor and employment (department) is charged with enforcing any alleged violation of these rights and is granted rule-

making authority. A party may appeal the department's final decision to the Colorado court of appeals. The bill requires the court of appeals to give deference to the department.

**a. SB23-213 Land Use (Senate Considered House Amendments - Result was to Laid Over Daily)**

- i. The land use SB23-213 bill was last minute addition. Currently the bill only affects tier 1 cities. 1000 or more citizens and has a metapopulation panning organization. There are a lot of parts to this bill and timeline benchmarks. I could see that counties with tier



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1 cites could be added into this bill and if that happens, we could see a possible surge in additional accessory dwelling units (ADU)

**b. SB23-303 Reduce Property Taxes and Voter-approved Revenue Change**

**(Still is being heard in the house amendments have been introduced 3<sup>rd</sup> hearing and vote should happen on the 8<sup>th</sup> then it goes back to the Senate for a joint conference hearing on the amendments)**

Concerning a reduction in property taxes, and, in connection therewith, creating a limit on annual property tax increases for certain local governments; temporarily reducing the valuation for assessment of certain residential and nonresidential property; creating new subclasses of property; permitting the state to retain and spend revenue up to the proposition HH cap; requiring the retained revenue to be

used to reimburse certain local governments for lost property tax revenue and to be deposited in the state education fund to backfill the reduction in school district

property tax revenue; transferring general fund money to a cash fund to also be used for the reimbursements; eliminating the cap on the amount of excess state revenues that may be used for the reimbursements for the 2023 property tax year; referring a ballot issue; and making an appropriation.

**Section 3** of the bill requires the secretary of state to refer a ballot issue to voters at the November 2023 election that asks voters whether property taxes should be reduced and that seeks voter approval to retain and spend excess state revenues that will be used to backfill some of the reduced property tax revenue. Most of the bill only becomes effective if the voters approve the ballot issue. **Local government property tax revenue limit.** Beginning with the 2023 property tax year, **section 6** establishes a limit on specified property tax revenue for local governments, excluding those that are home rule and school districts, that is equal to inflation above the property tax revenue from the prior property tax year (limit). A local government may establish a temporary property tax credit, which does not change the gross mill levy, that is up to the

number of mills necessary to prevent the local government's property tax revenue from exceeding the limit. Alternatively, the governing board may approve a mill levy that would cause the local government to exceed the limit, if the

governing board approves the mill levy at a public meeting that meets certain criteria. **Valuation changes.** The valuation for assessment (valuation) of





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nonresidential real and personal property, excluding producing mines and lands or leaseholds producing oil or gas, is based on an assessment rate of 29% of

actual value, but currently, there are temporary reductions in the valuation for certain subclasses of property. **Section 8** creates the additional temporary reductions. For the 2023 property tax year:

- For lodging property, property listed under any improved commercial subclass code, and all other nonresidential property, excluding agricultural property and renewable energy production property, the assessment rate is reduced from 27.9% to 27.85%;
- ~~For renewable energy agricultural land, which is a newly created subclass of agricultural property that is valued under **section 7**, the assessment rate is reduced from 26.4% to 21.9%.~~

Thereafter, the assessment rate for lodging property and all nonresidential property, excluding agricultural property and renewable energy production property and property that is not under a vacant land subclass, is reduced from 29% to:

- 27.85% for the 2024 through 2026 property tax years;
- 27.65% for the 2027 and 2028 property tax years;
- 26.9% for the 2029 and 2030 property tax years; and
- 25.9% or 26.9% for the 2031 and 2032 property tax years, depending on the increase in the valuation in the 32 counties with the smallest increases from the 2030 to 2031 property tax years (revenue increases).

The assessment rate for agricultural property, excluding renewable energy agricultural land, and renewable energy property is reduced from 29% to:

- 26.4% for the 2025 through 2030 property tax years; and
- 25.9% or 26.4% for the 2031 and 2032 property tax years, depending on the increase in the valuation in the 32 counties with the smallest revenue increases.

The assessment rate for renewable energy agricultural land, *which is a newly created subclass of agricultural property that is valued under **section 7***, is reduced from 29% to 21.9% for the 2024 through 2032 property tax years.





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Beginning with the 2033 property tax year, all of the temporary valuation reductions expire and the valuation of all nonresidential real property is 29% of the actual value of the property.

The valuation of residential real property is based on an assessment rate of 7.15% of actual value, but currently, there are temporary reductions in the valuation. **Section 9** further reduces the valuation of residential real property. For the 2023 property tax year, the valuation is reduced from 6.765% of the amount equal to the actual value minus the lesser of \$15,000 or the amount that causes the valuation to be \$1,000 (alternate amount) to 6.7% of the amount equal to the actual value minus the lesser of \$40,000 or the alternate amount.

For the 2024 property tax year, the valuation is reduced as follows:

- For multi-family residential real property, the valuation is reduced from 6.8% of the actual value to 6.7% of the amount equal to the actual value minus the lesser of \$40,000 or the alternate amount; and
- For all other residential real property, the valuation is reduced from an estimate of 6.98% of the actual value to 6.7% of the amount equal to the actual value minus the lesser of \$40,000 or the alternate amount.

For the 2025 through 2032 property tax years:

- For multi-family residential real property and primary residence real property, including multi-family primary residence real property, the valuation is reduced from 7.15% of the actual value to 6.7% of the actual value minus the lesser of \$40,000 or the alternate amount;
- For qualified-senior primary residence real property, including multi-family qualified-senior primary residence real property, the valuation is reduced from 7.15% of the actual value to 6.7% of the amount equal to the actual value minus \$140,000 or the alternate amount; and
- For all other residential real property, the assessment rate is reduced from 7.15% to ~~7.1~~ 6.7 %.

Beginning with the 2033 property tax year, all of the temporary valuation reductions expire and the valuation of all residential real property is 7.15% of the actual value of the property.

The bill also establishes that all of the temporary reductions in valuation for residential and nonresidential property created in the bill are contingent on the



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state's ability to retain and spend state surplus up to the proposition HH cap. If, for any reason, excluding a legislative enactment by the general assembly, the state is not permitted to retain and spend this money, then the temporary reductions in the bill do not apply.

**Section 11** creates the residential subclass of primary residence real property for owner-occupiers and establishes administrative procedures related to the classification that are based on the procedures for the homestead exemption, with those procedures expanded to treat civil union partners like spouses. **Section 11** also creates the residential subclass of qualified-senior primary residence real property, which is a property with an owner-occupier who previously qualified for the senior homestead exemption for a different property and who does not qualify for the exemption for the current property tax year. **Sections 1, 12, 13, 15, and 16 , and 21** delay deadlines as necessary due to the valuation changes for the 2023 property tax year. **Section 20** requires county assessors to provide notice, which will be prepared by the property tax administrator, to taxpayers about the new valuations for assessment and the application process for primary residence real property and qualified-senior primary residence real property.

The state is currently required to reimburse local governmental entities for property tax revenue lost as a result of the reductions in valuation enacted in Senate Bill 22-238. **Section 14** modifies this backfill mechanism by:

- Specifying that the amount of revenue lost for a property tax year is based on a local governmental entity's mill levy for the 2022 property tax year, excluding specified mills;
- Including the additional property tax revenue reductions that result from the bill in the backfill for the 2023 property tax year;
- Eliminating the maximum amount of the backfill for the 2023 property tax year that is a refund of excess state revenues;
- Extending the backfill for the 2024 through 2032 property tax years for the valuation reductions in the bill, but making a local governmental entity that has an increase in real property total valuation of 20% or more from the 2022 property tax year ineligible for the backfill;
- Creating the local government backfill cash fund, which includes a \$128 million general fund transfer, and requiring the money from the fund to be used to backfill revenue to local governments beginning with the 2024 property tax year; and



**Hanover Fire Protection District**  
**13325 Old Pueblo Road**  
**Fountain, CO 80817**  
**(719) 382-1900**



- Beginning with the 2024 property tax year, proportionally reducing the amount that each eligible local government receives, if necessary to avoid exceeding the total amount that is *identified as being* available for the backfills statewide - ;
- *Clarifies how local governmental entities, which are now defined, are treated if their boundaries are in more than one county for purposes of the backfill; and*
- *Requires the state treasurer to reduce a backfill as necessary to avoid a local governmental entity exceeding its constitutional fiscal year spending limit.*

**Section 14** also modifies the backfill mechanism to treat cities and counties as counties instead of municipalities, and this change is not contingent on voter-approval of the ballot issue. **Section 18** requires the department of revenue to calculate the amount of excess state revenues that will be refunded for the fiscal year 2022-23 with and without the changes from the bill. **Section 19** requires the state treasurer to transfer \$72 million from the general fund to the state public school fund. **Voter-approved revenue change.** If the voters approve the referred ballot issue, then the state will be authorized to retain and spend revenues up to

the proposition HH cap, created in **section 3**. For the 2023-24 fiscal year, the proposition HH cap is equal to the excess state revenues cap for the prior fiscal year, adjusted for inflation plus 1% and population changes. Thereafter, the proposition HH cap is equal to the proposition HH cap for the prior fiscal year, adjusted for inflation plus 1% and population changes. The proposition HH cap is

also annually adjusted for the qualification or disqualification of enterprises and debt service changes.

If the general assembly does not enact assessment rates for the 2033 property tax year that are the same or lower than the assessment rates for the 2032 property tax year described above, then the proposition HH cap is reduced to be equal to the excess state revenues cap, and the state will retain \$0 under this authority beginning with the 2031-32 fiscal year. Thereafter, the general assembly may partially or wholly restore the proposition HH cap without additional voter approval if the general assembly enacts valuation reductions equal to or greater than those for the 2032 property tax year.

The amount retained under this authority is first used in the following fiscal year to backfill certain local governments for the reduced property tax revenue as



**Hanover Fire Protection District**  
**13325 Old Pueblo Road**  
**Fountain, CO 80817**  
**(719) 382-1900**



a result of the property tax changes in the bill and Senate Bill 22-238, and the remainder is transferred to the state education fund to offset the revenue that

school districts lose as a result of the property tax changes. **Section 5** requires the state controller to include the new voter-approved revenue change in the

annual report on TABOR revenues. **Sections 2, 4, 10, and 17** make conforming amendments related to the valuation changes and related procedures and the voter-approved revenue changes.

**c. SB23-304 Property Tax Valuation**

(Being heard in the House should have 3 reading and vote on the 8<sup>th</sup>)

- ii. The bill specifies that when a property tax assessor values real property, the property tax assessor must consider: ! The current use; ! Existing zoning and other governmental land use or environmental regulations and restrictions; ! Multi-year leases or other arrangements affecting the use of or income from real property; ! Easements and reservations of record; and ! Covenants, conditions, and restrictions of record. Beginning January 1, 2024, section 2 requires certain counties to use an alternative procedure to determine objections and protests of property tax valuations in any year of general reassessment of real property that is valued biennially. Currently, at the request of a taxpayer, a property tax assessor is required to provide the taxpayer with certain data that the assessor used to determine the value of the taxpayer's property. Section 3 clarifies that the data the assessor is required to provide must include the primary method and rates the assessor used to value the property.

**Questions**



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SERVICING DEALERSHIP

COLORADO KENWORTH, LLC, DBA

MHC KENWORTH - COLORADO SPRINGS
2215 RAND AVENUE
COLORADO SPRINGS, CO 80905
1-719-540-9500

REPAIR ORDER INVOICE

Customer Number: 120287 Phone: (719) 382-1900 Invoice Number: R00313700105315

Table with columns: Tax Status, Terms, P.O.#, Service Date, Invoice Date. Values: EXP, CASH, N/A, 3/08/2023, 4/14/2023



Hanover Fire Protection District
13325 Old Pueblo Rd
Fountain CO 80817-3702

Table with columns: Serial Number, Unit Number, Make / Model, Year, License Number, Mileage. Values: 4S7BU2D9X7C057525, ENGINE, SPARTAN, 2007, 153051

OPERATION 2

COMPLAINT: SWING ENGINE AS PER QUOTE--TRUCK TOWED IN
VMRS CODE: 01-045-019-000-24-44
CORRECTION: REPAIR-OVERHAUL KIT - ENGINE-OVERHAUL KIT - ENGINE-WORN
RAISE CAB AND GET SERIAL NUMBER OFF ENGINE. RAISED THE CAB TO AIR UP TRUCK, HAD TO JUMP START THE SERVICE TRUCK AIR UP TRUCK WITH AIR COMPRESSOR, FINALLY GOT PUSHED INTO THE SHOP, STARTED TO REMOVE THE TRANSMISSION. HAD TO DRILL OUT TWO BOLTS ON THE PTO SHAFT YOKE, FINISHED REMOVING THE TRANSMISSION, REMOVED THE FAN AND THE ALTERNATOR, FINISHED REMOVING THE ENGINE. SWAP PARTS OVER TO THE NEW ENGINE. PULLED THE FLYWHEEL HOUSING OFF AND WASHED IT. GOT THE FLYWHEEL HOUSING AND THE FLEX PLATE TORQUED DOWN. INSTALLED THE FUEL FILTER HOUSING AND THE EXHAUST MANIFOLD, SET THE ENGINE IN THE CHASSIS AND TIGHTEN ENGINE MOUNTS, SET OLD ENGINE BACK IN THE SHIPPING STAND, INSTALLED THE FRONT VIBRATION DAMPENER AND TORQUED REPLACED ALL OF THE HEATER HOSES AND THE LOWER RADIATOR HOSE, INSTALLED THE ALTERNATOR BELT AND FAN. INSTALLED THE POWER STEERING PUMP, THE STARTER AND THE TRANSMISSION. INSTALLED THE TURBO AND THE NEW EXHAUST ROCKERS AND ENGINE BRAKE SUPPORTS, CLEANED THE VALVE COVER AND THE ROCKER HOUSING, MOVED THE NEW INJECTOR HARNESS OVER TO THE OLD ROCKER HOUSING BECAUSE OF THE ENGINE BRAKES. RAN THE OVERHEAD, INSTALLED THE ROCKER HOUSING AND THE ENGINE BRAKES, SET THE ENGINE BRAKE LASH, INSTALLED THE PTO SHAFT AND THE DRIVE SHAFT, INSTALLED THE EXHAUST PIPE OFF OF THE TURBO. INSTALLED THE VALVE COVER, INSTALLED THE NEW CRANK CASE FILTER AND DRAIN TUBES, INSTALLED THE A/C COMPRESSOR AND THE TOP RADIATOR HOSE, REPLACED THE AIR FILTER AND HOOKED UP THE CAC PIPING. PUT COOLANT IN ENGINE, AND PULLED THE PARAMETERS OFF THE OLD ECM AND INSTALLED THEM IN THE NEW ECM HAVE A COOLANT LEAK AT THE LOWER RADIATOR HOSE AT THE BLOCK, REMOVED THE LOWER RADIATOR HOSE AT THE BLOCK, REPLACED THE GASKET AND REINSTALLED,

CONTINUED

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2. ARBITRATION: Any controversy or claim arising out of or relating to the Order shall be decided by arbitration administered by the American Arbitration Association in accordance with its Commercial Arbitration Rules, subject to the limitations and restrictions as set forth in the Terms and Conditions contained at https://mhc.com/terms-and-conditions





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MHC KENWORTH - COLORADO SPRINGS

2215 RAND AVENUE

COLORADO SPRINGS, CO 80905

1-719-540-9500

REPAIR ORDER INVOICE

Customer Number: 120287 Phone: (719) 382-1900 Invoice Number: R00313700105315

Table with columns: Tax Status (EXP), Terms (CASH), P.O.# (N/A), Service Date (3/08/2023), Invoice Date (4/14/2023)

OPERATION 2

CHANGED THE ECM CALIBRATION TO A FIRE TRUCK CALIBRATION W90251.14, INSTALLED OIL DIP STICK ADAPTER AND THE DIP STICK FILLED THE OIL AND STARTED, RAN OKAY TOPOD OFF THE TRANSMISSION LEVEL CHECKED THE OIL AND COOLANT, CHARGED THE A/C MOVED TO THE WASH BAY AND WASHED OFF THE ENGINE, TEST DROVE, AND GOT CODE FOR THE WATER IN FUEL SENSOR SHORTED HIGH, CHECKED THE WIRING OKAY REPLACED THE FILTER, CODE IS INACTIVE NOW. CHECKED THE COOLANT LEVEL COLD ADDED ONE GALLON. STARTED AND WARMED UP ENGINE. TEST DROVE AND LOOKED TRUCK OVER ALL IS GOOD.

Labor Total -- 15,328.00

Main parts and labor list table with columns for part description, quantity, unit price, and total price.

CONTINUED

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Customer Copy

MHC2505RO (02/19)



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**SERVICING DEALERSHIP**

COLORADO KENWORTH, LLC, DBA

**MHC KENWORTH - COLORADO SPRINGS**

2215 RAND AVENUE  
 COLORADO SPRINGS, CO 80905  
 1-719-540-9500

**REPAIR ORDER INVOICE**

<b>Customer Number:</b> 120287	<b>Phone:</b> (719) 382-1900	<b>Invoice Number:</b> R00313700105315
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Tax Status	Terms	P.O.#	Service Date	Invoice Date
EXP	CASH	N/A	3/08/2023	4/14/2023

**OPERATION 2**

12622IMP	FLAT WASHER M10 HARD	1	.33	.33
71893IMP	ELEC TERM 16-14 GAUGE	1	.91	.91
SUBLET LABOR	REBUILD PTPO#1904389	1	165.91	165.91
EC40PLA	CLAMP EXHAUST 4"	2	23.91	47.82
EF4024G	TUBING 4" FLEX	1	58.60	58.60
EC40PLA	CLAMP EXHAUST 4"	1	23.91	23.91
5515-225FX	HOSE 2 1/4 STICK HOSE	1	29.49	29.49
5272959CUM	GASKET-RKR LEVER HOUSI	1	35.96	35.96
3959798CUM	*GASKET, VA.	1	87.35	87.35
3682177CUM	SEAL-O RING	1	13.20	13.20
AH8501FLG	AIR-DISPOSABLE HOUSING	1	234.77	234.77
7716FX	HOSE CAC COLD SIDE 4X7	1	49.99	49.99
FF5488FLG	FILTER-FUEL	1	26.57	26.57
703216	INSERT-OIL DIPSTICK	1	97.93	97.93
707727	DIPSTICK ASSY	1	243.16	243.16
FREIGHT	CHARGE FREIGHT	1	150.00	150.00
RF5100	ROADFORCE HD ELC 50/50	6	10.99	65.94
RF5100	ROADFORCE HD ELC 50/50	2	10.99	21.98
5398279CUM	GASKET, CONNECTION	1	26.54	26.54
3886396	UP RATE CODE	1	197.64	197.64
RF5100	ROADFORCE HD ELC 50/50	1	10.99	10.99
5515-175FX	HOSE-RADIA TOR #28 J20	1	18.99	18.99
71379IMP	NYLON STR HD 14-1/2"	20	.56	11.20
90650IMP	BRASS FITTING	1	.45	.45
90725IMP	INSERT	1	.91	.91
PC DIAGNOSTIC	MACHINE PC DIAGNOSTI	1	70.00	70.00
RF5100	ROADFORCE HD ELC 50/50	1	10.99	10.99
SVC1223-Z234214	COUPON - INSTALLATION	1	300.00	300.00
	Parts Total	--	40,231.58	
	Total Operation 2	--	55,559.58	

**OPERATION 3**

COMPLAINT: REPLACE HEADLIGHT BEZEL  
 VMRS CODE: 01-053-000-000-03-12  
 CORRECTION: REPLACE WITH NEW-EXPENDABLE ITEMS-EXPENDABLE ITEMS-BROKEN  
 REMOVED BROKEN HEADLIGHT BEZEL AND INSTALLED NEW, RED LIGHT  
 COVER IS BROKEN, ORDERED PART.

Labor Total -- 228.00

718417 RH TRIM HEADLAMP BEZEL 1 1,226.94 1,226.94

Parts Total -- 1,226.94

Total Operation 3 -- 1,454.94

**OPERATION 4**

COMPLAINT: TRANS SERVICE WITH FILTER(S)  
 VMRS CODE: 01-027-000-000- A-00  
 CORRECTION: PM LEVEL A-TRANSMISSION - AUTOMATIC-TRANSMISSION -  
 AUTOMATIC-NO FAILURE  
 PERFORMED TRANSMISSION SERVICE AND REPLACED THE FILTERS  
 TEST DROVE OKAY.

Labor Total -- 570.00

HF28943FLG TRANS FILTER HYDRAULIC 1 135.78 135.78

**CONTINUED**

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### SERVICING DEALERSHIP

COLORADO KENWORTH, LLC, DBA

**MHC KENWORTH - COLORADO SPRINGS**

2215 RAND AVENUE

COLORADO SPRINGS, CO 80905

1-719-540-9500

## REPAIR ORDER INVOICE

<b>Customer Number:</b> 120287	<b>Phone:</b> (719) 382-1900	<b>Invoice Number:</b> R00313700105315
--------------------------------	------------------------------	--

Tax Status	Terms	P.O.#	Service Date	Invoice Date
EXP	CASH	N/A	3/08/2023	4/14/2023

OPERATION 4

MAJUATF5G

ALLISON UNIVERSAL AUTO

1

174.99

174.99

Parts Total -- 310.77

Total Operation 4 -- 880.77



**CONTINUED**

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MHC KENWORTH - COLORADO SPRINGS

2215 RAND AVENUE

COLORADO SPRINGS, CO 80905

1-719-540-9500

## REPAIR ORDER

<b>Customer Number:</b> 120287	<b>Phone:</b> (719) 382-1900	<b>Invoice Number:</b> R00313700105315
--------------------------------	------------------------------	--

- \* MHC IS CERTIFIED FOR CATERPILLAR, CUMMINS AND MX \*
- \* OVERHAULS/WARRANTY REPAIRS \*
- \* MHC OFFERS PARTS AND SERVICE FOR ALL MAKES OF TRUCK \*

<b>Labor Total</b>	16,126.00
<b>Parts Total</b>	39,813.38
<b>Sublet</b>	865.91
<b>Shop Supplies</b>	1,935.12
<b>Coupons</b>	300.00-
<b>Freight</b>	1,320.00
<b>Machine Charge</b>	70.00

Customer Copy

**TOTAL DUE** **59,830.41**

**REMIT TO:**

P.O. BOX 879269  
KANSAS CITY, MO 64187-9269



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**Watts Upfitting Inc.**  
8242 Cessna Drive  
Peyton, CO 80831  
(719) 683-5030  
john@wattsupfitting.com  
www.wattsupfitting.com

**Estimate #3288**

Created: 3/29/2023  
Payment Term: Net 30  
Service Writer: John Watts

**HANOVER FIRE DEPARTMENT**

13325 Old Pueblo Road  
Fountain, CO 80817  
Mobile: (719) 492-2729  
hanover3500@aol.com

**2007 SPARTAN MOTORS CHASSIS Diamond Series**

(Red, #3512)

VIN:

4S7BU2D9X7C057525

**Customer Comments**

1. USE USED LIGHT BAR FROM INVENTORY UPSTAIRS-ALREADY TAGGED
2. RADIO INSTALL-PROVIDED BY HANOVER
3. REMOVE HEADSETS FROM UNIT OLD 3512 TO NEW 3512 (SETCOM)

SCHEDULE WITH GRAPHICS

**LIGHTING & GRAPHICS UPGRADE**

	Description	Price	QTY	Disc	Subtotal
1	REMOVE EXISTING LIGHT BAR AND INSTALL USED STARLIGHT PROVIDED BY HANOVER				\$562.50
	MOVE ROOF MOUNTED BRACKETS				
2	WHELEN GRADIENT SCENE LIGHT SURFACE MOUNT	\$488.80	8	100%	\$0.00
3	WHELEN 500 V SERIES LIGHT HEAD RED	\$274.48	2		\$548.96
4	WHELEN 500 V SERIES LIGHT HEAD BLUE	\$316.71	2		\$633.42
5	WHELEN LED TURN LAMP 600 SERIES FRONT AND REAR	\$236.03	4		\$944.12
6	WHELEN STOP AND TAIL RED 600 SERIES	\$202.17	2		\$404.34
7	WHELEN BACK UP LIGHT	\$154.30	2		\$308.60
8	WHELEN 900 SERIES (RED) REPLACE AMBER LIGHTING IN REAR	\$276.73	1		\$276.73
	DRIVER SIDE TOP				
9	WHELEN 900 SERIES (BLUE) REPLACE AMBER LIGHTING IN REAR	\$276.73	1		\$276.73
10	WHELEN 900 SERIES (AMBER) REPLACE AMBER LIGHTING IN REAR	\$276.73	2		\$553.46
11	WHELEN 600 SERIES RED/BLUE	\$214.32	2		\$428.64
12	50 INCH WHITE FLOOD BAR	\$185.33	1	100%	\$0.00
	REMOVE EXISTING FLOOD LIGHT IN FRONT				
	MOUNT TO ROOF				
13	WHELEN SPOT LIGHT REPLACEMENT ON FRONT OF ENGINE RED	\$297.79	2		\$595.58
14	WHELEN SPOT LIGHT REPLACEMENT ON FRON OF ENGINE WHITE	\$238.40	1		\$238.40
15	GRAPHICS DECALS (GOLD TURN AND REFLECTIVE MATERIAL)	\$1,125.00	1		\$1,125.00



**Watts Upfitting Inc.**  
 8242 Cessna Drive  
 Peyton, CO 80831  
 (719) 683-5030  
 john@wattsupfitting.com  
 www.wattsupfitting.com

# Estimate #3288

Created: 3/29/2023  
 Payment Term: Net 30  
 Service Writer: John Watts

## LIGHTING & GRAPHICS UPGRADE

LABOR TO DESIGN, PRINT, WEED, PREP UNIT 3512 AND INSTALL NEW DECALS

16 INSTALL LIGHTING, RADIO, ANTENNA, AND SET COM WIRING PROVIDED BY DEPARTMENT \$1,900.00 \$4,925.00

Shop Supplies: \$300.00 Total: \$12,121.48

"QUOTES ARE ONLY VALID FOR 30 DAYS AND ARE SUBJECT TO CHANGE BASED ON APPROVAL DATE"

WATTS UPFITTING REQUIRES DEPOSITS FOR PARTS ONLY UPON APPROVAL LABOR TO BE CHARGED AFTER JOB IS COMPLETED.

Watts Upfitting is not responsible for damages related to "ACT OF GOD" or weather related incidents while the vehicle is in our possession. Colorado is known for large hail and bad weather. Customers are always advised to keep their vehicles in their possession until date of install. Watts Upfitting is responsible for the overall care of the vehicle while it is in our possession.

WARRANTY: WATTS UPFITTING OFFERS A LIFELONG WORKMANSHIP WARRANTY ON ALL VEHICLES. WATTS UPFITTING DOES NOT OFFER WARRANTY FOR USED EQUIPMENT INSTALLED IN VEHICLES. WATTS UPFITTING ALSO DOES NOT WARRANTY WORK BY OTHER UPFITTERS.

\*MANUFACTURES WARRANTY: WATTS UPFITTING FOLLOWS MANUFACTURES WARRANTY ON ALL PRODUCTS.

\*SPECIAL ORDER PRODUCTS CAN NOT BE RETURNED.

Parts .....	\$10,429.71
Labor .....	\$7,387.50
Subtotal .....	\$17,817.21
Discount .....	\$5,995.73
Shop Supplies .....	\$300.00
Tax .....	\$0.00
<b>Grand Total .....</b>	<b>\$12,121.48</b>
Paid To Date .....	(\$0.00)

**REMAINING BALANCE \$12,121.48**

\*DUE TO ONGOING SUPPLY CHAIN ISSUES PARTS ARE VERY EXTENDED IN ARRIVING.

\*FINANCING/LEASING IS AVAILABLE ON VEHICLES, UPFITTING PARTS, COMPUTERS, RADIOS ETC... PLEASE ASK IF YOU WOULD LIKE A QUOTE.

THANK YOU FOR YOUR CONTINUED SUPPORT!!!!

Signature \_\_\_\_\_

## Notes

**John Watts**

5/1/2023 9:27 AM MDT

Hi HANOVER FIRE DEPARTMENT,

Below is a link to the estimate you requested from Watts Upfitting Inc.. Please review and let us know if you have any questions.

File: Estimate\_3288\_-\_HANOVER\_FIRE\_LIGHT\_BAR\_INSTALL\_-\_HANOVER\_FIRE\_DEPARTMENT\_-\_2007\_SPARTAN\_MOTORS\_CHASSIS\_Diamond\_Series.pdf



Quote Date: 03/30/2023  
 Customer Name: Hanover Fire Department  
 Quote #: Q-112471  
 Quote Expiration date: 06/28/2023  
 ESO Account Manager: Kevin Creek

### CUSTOMER CONTACT

Customer Hanover Fire Department  
 Name Chief Carl Tatum  
 Email carl.tatum3500@gmail.com  
 Phone (719) 650-7117

### BILLING CONTACT

Payor Hanover Fire Department Address 13325 Old Pueblo Road  
 Name Chief Carl Tatum Fountain CO, 80817  
 Email carl.tatum3500@gmail.com Billing Frequency Annual  
 Phone (719) 650-7117 Initial Term 36 months

### Year 1

#### EHR

Product	Price	Discount	Total	Fee Type
ESO EHR	\$1,990.00	( \$1,990.00 )	\$0.00	Recurring
EHR CAD Integration	\$595.00	( \$595.00 )	\$0.00	Recurring

#### Asset Management/Checklist

Product	Price	Discount	Total	Fee Type
Assets-Checklist Bundle	\$1,395.00	( \$1,395.00 )	\$0.00	Recurring

#### Fire

Product	Price	Discount	Total	Fee Type
Fire Incidents CAD Integration	\$1,495.00	( \$1,495.00 )	\$0.00	Recurring
ESO Fire Incidents	\$995.00	( \$995.00 )	\$0.00	Recurring
ESO Activities - Fire and Fire/EMS Agencies	\$195.00	( \$195.00 )	\$0.00	Recurring

#### Personnel Management

Product	Price	Discount	Total	Fee Type
Personnel Management	\$845.00	( \$845.00 )	\$0.00	Recurring

#### EHR

Product	Volume	Price	Discount	Total	Fee Type
EHR Setup & Online Training	1 Sessions	\$595.00	( \$595.00 )	\$0.00	One-time
NEMIS Data Import - one-time	305 Incidents	\$1,995.00	( \$1,995.00 )	\$0.00	One-time

#### Asset Management/Checklist

Product	Volume	Price	Discount	Total	Fee Type
Asset Management and Checklist - Training and Implementation	12 Vehicles	\$1,495.00	( \$1,495.00 )	\$0.00	One-time





Quote Date: 03/30/2023  
 Customer Name: Hanover Fire Department  
 Quote #: Q-112471  
 Quote Expiration date: 06/28/2023  
 ESO Account Manager: Kevin Creek

## Fire

Product	Volume	Price	Discount	Total	Fee Type
Fire Setup & Online Training	1 Sessions	\$595.00	( \$595.00 )	\$0.00	One-time
Fire Incidents NFIRS Data Import	305 Incidents	\$1,995.00	( \$1,995.00 )	\$0.00	One-time

## On Demand Learning

Product	Volume	Price	Discount	Total	Fee Type
On Demand Learning - One Year Access	24 Employees		( \$0.00 )	\$0.00	One-time
<b>Total Recurring Fees</b>			\$		7,510.00
<b>Total One-Time Fees</b>			\$		
<b>One-Time Discounts</b>			\$		( )
<b>Recurring Discounts</b>			\$		(7,510.00)
<b>TOTAL FEES</b>			\$		0.00

## Year 2

### EHR

Product	Price	Discount	Total	Fee Type
ESO EHR	\$1,990.00	( \$995.00 )	\$995.00	Recurring
EHR CAD Integration	\$595.00	( \$297.50 )	\$297.50	Recurring

### Asset Management/Checklist

Product	Price	Discount	Total	Fee Type
Assets-Checklist Bundle	\$1,395.00	( \$697.50 )	\$697.50	Recurring

### Fire

Product	Price	Discount	Total	Fee Type
Fire Incidents CAD Integration	\$1,495.00	( \$1,495.00 )	\$0.00	Recurring
ESO Fire Incidents	\$995.00	( \$497.50 )	\$497.50	Recurring
ESO Activities - Fire and Fire/EMS Agencies	\$195.00	( \$97.50 )	\$97.50	Recurring

### Personnel Management

Product	Price	Discount	Total	Fee Type
Personnel Management	\$845.00	( \$422.50 )	\$422.50	Recurring



Quote Date: 03/30/2023  
 Customer Name: Hanover Fire Department  
 Quote #: Q-112471  
 Quote Expiration date: 06/28/2023  
 ESO Account Manager: Kevin Creek

<b>Total Recurring Fees</b>	\$	7,510.00
<b>Discounts</b>	\$	(4,502.50)
<b>TOTAL FEES</b>	\$	3,007.50

**Year 3**

**EHR**

Product	Price	Discount	Total	Fee Type
ESO EHR	\$1,990.00	( \$0.00 )	\$1,990.00	Recurring
EHR CAD Integration	\$595.00	( \$0.00 )	\$595.00	Recurring

**Asset Management/Checklist**

Product	Price	Discount	Total	Fee Type
Assets-Checklist Bundle	\$1,395.00	( \$0.00 )	\$1,395.00	Recurring

**Fire**

Product	Price	Discount	Total	Fee Type
Fire Incidents CAD Integration	\$1,495.00	( \$1,495.00 )	\$0.00	Recurring
ESO Fire Incidents	\$995.00	( \$0.00 )	\$995.00	Recurring
ESO Activities - Fire and Fire/EMS Agencies	\$195.00	( \$0.00 )	\$195.00	Recurring

**Personnel Management**

Product	Price	Discount	Total	Fee Type
Personnel Management	\$845.00	( \$0.00 )	\$845.00	Recurring

<b>Total Recurring Fees</b>	\$	7,510.00
<b>Discounts</b>	\$	(1,495.00)
<b>TOTAL FEES</b>	\$	6,015.00

For EHR, Asset Management/Checklist, Fire, Personnel Management, On Demand Learning, the following payment terms apply:  
 Fees are invoiced at the Billing Frequency 15 days after the Effective Date, with recurring fees due on the anniversary.



Quote Date: 03/30/2023  
Customer Name: Hanover Fire Department  
Quote #: Q-112471  
Quote Expiration date: 06/28/2023  
ESO Account Manager: Kevin Creek

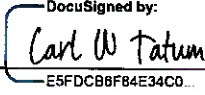
**TERMS AND CONDITIONS:**

- 1. If the customer indicated above has an ESO Master Subscription and License Agreement (MSLA) dated on or after February 20, 2017, then that MSLA will govern this Quote. **Otherwise, Customer intends and agrees that this Quote adopts and incorporates the terms and conditions of the ESA and associated HIPAA business associate agreement hosted at the following web address, and that the products and services ordered above are subject thereto:**

<https://www.eso.com/legal-terms/>

- 2. The Effective Date of this Quote shall be the date of Customer's signature.
- 3. Customer is responsible for the payment of all Fees shown. ESO will accept Fee payment from a payor (if indicated above) if ESO has an appropriate agreement with the Payor.
- 4. Notwithstanding anything to the contrary in the Agreement, the Recurring Fees for Services ordered herein shall be calculated and payable annually as indicated by the applicable Subscription Year. Thereafter all Recurring Fees shall be subject to applicable increases as stated in the Agreement.
- 5. ESO reserves the right not to accept any Quote signed after the Quote Expiration Date.

**Hanover Fire Department**

Signature: 

  
E5FDCB8F84E34C0...

Print Name: Carl W Tatum

Title: Fire Chief

Date: 5/4/2023





Quote Date: 03/30/2023  
 Customer Name: Hanover Fire Department  
 Quote #: Q-112471  
 Quote Expiration date: 06/28/2023  
 ESO Account Manager: Kevin Creek

## EHR

Product	Description
ESO EHR	Patient care reporting suite, includes EHR web and mobile client, Quality Management, AdHoc Reports, Analytics, Patient Tracker. Allows for unlimited users, unlimited mobile applications, live support, state and federal data reporting, ongoing weekly web training, software updates and upgrades.
EHR CAD Integration	Interface to integrate CAD data into EHR mobile and web application. Includes ongoing maintenance and support. Additional fees from your CAD vendor may apply.
EHR Setup & Online Training	Webinar Training Session
NEMESIS Data Import - one-time	Import of legacy NEMESIS data from 3rd party vendor into ESO for reporting and record retrieval. Some limitations may apply.

## Asset Management/Checklist

Product	Description
Assets-Checklist Bundle	Web-based asset management and apparatus checklist for Fire and EMS.
Asset Management and Checklist - Training and Implementation	Training and configuration to include; group admin training, agency specific web-based sessions, online training and pre-recorded end user training.

## Fire

Product	Description
Fire Incidents CAD Integration	Allows for integration of CAD data into the FIRE application. Ongoing maintenance included. Additional fees from your CAD vendor may apply.
ESO Fire Incidents	Includes Auto EHR-import or Auto-CAD import, federal NFIRS data reporting, software updates and upgrades.
ESO Activities - Fire and Fire/EMS Agencies	Application for tracking non-response activities, including Operations and Community Risk Reduction and Daily Log.
Fire Setup & Online Training	Setup and Webinar Training Session for ESO Fire.
Fire Incidents NFIRS Data Import	Data migration from previous RMS platform.

## Personnel Management

Product	Description
Personnel Management	Includes tracking of Training classes, certifications, credentials, immunization records. Integrated with ESO EHR and Ad Hoc Reporting.

## On Demand Learning

Product	Description
On Demand Learning - One Year Access	One year access to On Demand Learning.





**3875 ELM STREET  
DENVER, CO 80207  
PHONE: 303-320-8400 FAX: 303-320-8423**

**March 29, 2023**

## **Hanover Fire Department Vehicle Exhaust Removal Products**

### **Project I:**

Raise existing 5" ductwork.

### **Project scope:**

- Remove existing lower section of the 5" trunkline.
- Raise trunkline up to bottom of gas line.
- Reseal ductwork.
- Add hanger where needed.
- Manlift

Project Price: \$1825.00

### **Project II:**

Remove the existing VSRX Vertical Stack Rail and replace it with a SBT-20M Sliding Balancer Track assembly.

### **Product scope:**

- One 5" dia. magnetic grabber nozzle, 20 feet of heavy-duty aircraft aluminum alloy type track, one each 25ft. X 4-inch high temperature flex hose, trolley, balancer, metal hose saddle, support legs and braces.
- Interconnecting ductwork from the existing duct system to the new SBT system. Includes spiral type trunk / branch ducts, sweep elbows, welded, tapered 45-degree branch take-offs, heavy duty hangers and wall trims where required to cover wall penetrations.

Project II price: \$7,285.00.

Includes product removal and installation.

**Product cost:**

- **5" tailpipe adapter (conical) --- \$252.00 each**
- **6" tailpipe adapter (conical) --- \$335.00 each**

Terms:

Net 30 Days

Freight prepay and add

Excludes: tailpipe modifications if needed

AIRPRO, Inc. operates as a full-service organization providing sales, service, design, installation and maintenance on all Plymovent ventilation products.

If you have any questions, please contact me at 303-320-8400.

Thank you,

Wade Rose

**Waterway of New Mexico LLC**

PO Box 1182

Moriarty, NM 87035 US

5058005298

bdirks@waterwayinc.com

www.waterwayinc.com



**Estimate**

**ADDRESS**

Kevin Junglen

Hanover Fire Department

ESTIMATE #	DATE	EXPIRATION DATE
3082	04/07/2023	07/07/2023

ACTIVITY	SERVICE	QTY	RATE	AMOUNT
<b>Pump Testing (1-5)</b>	Test all pumps according to NFPA 1911 standards (1-5 pumps test)	5	330.00	1,650.00T
<b>Milage</b>	Pump Testing Mileage (Mileage costs will be split equally with all departments participating on the service testing, **** departments), From Moriarty to Fountain, to Hanover to Moriarty = 708 miles total	254	1.10	279.40T

Tentative Schedule Date: June 27th & 28th 2023

SUBTOTAL	1,929.40
TAX	155.56
<b>TOTAL</b>	<b>\$2,084.96</b>

Accepted By

Accepted Date

Thank you for your business!



**BOARD OF DIRECTOR  
OATH OF OFFICE**

§32-1-901, §24-12-101 et seq., C.R.S., and  
Colorado Constitution Article 12, §9

STATE OF COLORADO

EL PASO COUNTY

HANOVER FIRE PROTECTION DISTRICT

[If swearing<sup>^</sup>, raise hand]

I, Charity Faith Johnson, do [swear<sup>^</sup> or affirm or swear<sup>^</sup> by the everliving God] that I will support the constitution of the United States, the Constitution of the state of Colorado, and the laws of the state of Colorado, and will faithfully perform the duties of the office of Director of the Hanover Fire Protection District upon which I am about to enter to the best of my ability.

\_\_\_\_\_  
(signature of oath taker)

Subscribed and sworn to before me this 9 day of May 2023.

By: \_\_\_\_\_  
(\*Person authorized to administer oaths)

**[IF SWORN OR AFFIRMED BEFORE A NOTARY]**

STATE OF COLORADO )  
 ) ss.  
COUNTY OF EL PASO)

Subscribed and sworn to before me this 9 day of May 2023 by Charity Faith Johnson (name of oath taker)

\_\_\_\_\_  
(notary signature)

SEAL (if notary public)

**\*The courts, judges, magistrates, referees, clerks, and deputy clerks within their respective districts or counties; a person designated by the governing body, or any officer thereof; and notaries public within any county of this state have the power to administer all oaths or affirmations of office and other oaths or affirmations. §24-12-103**

**PROCEDURAL INSTRUCTIONS: Filing of oath with the county clerk and recorder in every county in which the district extends must precede the commencement of public office.**

**The oath must be taken within 30 days after his or her election, or if the election is cancelled, within 30 days after the election date or appointment to fill a vacancy. Oaths taken prior to the regular election date are invalid regardless of whether the election was held or cancelled.**

**A copy of the executed oath and an individual, schedule, or blanket surety bond must also be filed with the clerk of the court, and with the Division of Local Government.**

**If this is the oath of an appointed director, also provide the notice of appointment to the Division in addition to the oath and bond documents; note who is being replaced, if applicable §32-1-905.**



**BOARD OF DIRECTOR  
OATH OF OFFICE**

§32-1-901, §24-12-101 et seq., C.R.S., and  
Colorado Constitution Article 12, §9

STATE OF COLORADO

EL PASO COUNTY

HANOVER FIRE PROTECTION DISTRICT

[If swearing^, raise hand]

I, Dwight Smith, do [swear^ or affirm or swear^ by the ever-living God] that I will support the constitution of the United States, the Constitution of the state of Colorado, and the laws of the state of Colorado, and will faithfully perform the duties of the office of Director of the Hanover Fire Protection District upon which I am about to enter to the best of my ability.

\_\_\_\_\_  
(signature of oath taker)

Subscribed and sworn to before me this 9 day of May 2023.

By: \_\_\_\_\_  
(\*Person authorized to administer oaths)

**[IF SWORN OR AFFIRMED BEFORE A NOTARY]**

STATE OF COLORADO )  
 ) ss.  
COUNTY OF EL PASO)

Subscribed and sworn to before me this 9 day of May 2023 by Dwight Smith (name of oath taker)

\_\_\_\_\_  
(notary signature)

SEAL (if notary public)

**\*The courts, judges, magistrates, referees, clerks, and deputy clerks within their respective districts or counties; a person designated by the governing body, or any officer thereof; and notaries public within any county of this state have the power to administer all oaths or affirmations of office and other oaths or affirmations. §24-12-103**

**PROCEDURAL INSTRUCTIONS:** Filing of oath with the county clerk and recorder in every county in which the district extends must precede the commencement of public office.

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If this is the oath of an appointed director, also provide the notice of appointment to the Division in addition to the oath and bond documents; note who is being replaced, if applicable §32-1-905.

**2008 International 4X4 Type 4 750/1000/10 Wildland Fire Pumper**

2008 International 4400 4X4, Pre-EmissionsDT570 (330HP), Allison 3000EV\_P Auto Transmission, Only 46,028 Miles, 2,728 Engine Hours, Pump and Drive, Block Heater, Fabco TC-237 2-Spd Transfer Case, 4.78 Rear End Ratio, 35,000 GVW, A/C, Crew Cab Seats 5 (4 SCBA Seats), Ferrara Fire Apparatus Body, Emergency Sirens and Intercom, Shelved Storage Compartments

Water Pump: Hale QPAK100 1000GPM @ 150PSI, 750 Gal Water Tank

Aux Engine: Yanmar L100V Diesel (2,608 Hours)

Foam: Hale FoamPro Hypro Foam System, 10 Gal Poly Tank

Discharge: Driver's Side - (2) 2 ½", 1 ½" Crosslay; Officer's Side - (2) 2 ½", 1 ½" Crosslay (Foam & Water); Front Side - 1 ½" Jumpline

Suction: Driver's Side - 5", 2 ½" Inlet, 1 ½" Direct Tank Fill; Officer's Side - 5" Suction, 2 ½" Inlet,

Very Clean & Well-Maintained Ex-Gov't Unit

**General Information**

Stock #	14930
Price	Pending Sale
Year	2008
Make	International
Model	4400
Color	Red
Odometer Reading	46,028
Hour Reading	2728
Duty	Heavy
Class	8
CDL Required	True
GVW	35,000
Front Axle	12,000
Rear Axle	23,000
Number Of Rear Axles	Single
Engine	International DT570
Horsepower	330
Fuel Type	Diesel
Transmission	Allison 3000EV_P
Suspension	Spring
Brakes	Air
Rear End Ratio	4.78
Air Conditioning	True
Power Steering	True

**Body / Equipment Specifications**

Make	Ferrara Fire Apparatus, Inc
Aux Engine	Yanmar L100V
Aux Engine Hours	2607
Water System Pump	Hale QPAK100 1000GPM @ 150PSI
Foam Pump	Hale FoamPro Hypro
Water Tank	750
Foam Tank	10

**Dimensions**

Length	28'7"
Height	9'7"
Width	8'
Wheelbase	248






Vehicle: [Retail] 2023 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck (✓ Complete)

Quote: HANOVER FIRE 2023 SILVERADO 5500 CREW CHASSIS ORDER QUOTE 4-17-23

### Quote Worksheet

	MSRP
Base Price	\$64,405.00
Dest Charge	\$1,895.00
Total Options	\$10,385.00
<b>Subtotal</b>	<b>\$76,685.00</b>
GM GOVT BID ASSISTANCE	(\$6,400.00)
<b>Subtotal Pre-Tax Adjustments</b>	<b>(\$6,400.00)</b>
Less Customer Discount	\$0.00
<b>Subtotal Discount</b>	<b>\$0.00</b>
Trade-In	\$0.00
<b>Subtotal Trade-In</b>	<b>\$0.00</b>
<b>Taxable Price</b>	<b>\$70,285.00</b>
Tire Weight Tax	\$26.64
Sales Tax	\$0.00
<b>Subtotal Taxes</b>	<b>\$26.64</b>
<b>Subtotal Post-Tax Adjustments</b>	<b>\$0.00</b>
<b>Total Sales Price</b>	<b>\$70,311.64</b>

 4-17-23

Dealer Signature / Date

Customer Signature / Date

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Data Version: 19180 Data Updated: Apr 16, 2023 6:41:00 PM PDT



Vehicle: [Retail] 2023 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck (✔ Complete)

Quote: HANOVER FIRE 2023 SILVERADO 5500 CREW CHASSIS ORDER QUOTE 4-17-23

## Window Sticker

### SUMMARY

[Retail] 2023 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck

MSRP:\$64,405.00

Interior:Dark Ash seats with Jet Black interior accents, Cloth seat trim

Exterior 1:Red Hot

Exterior 2:No color has been selected.

Engine, Duramax 6.6L Turbo-Diesel V8, B20-Diesel compatible

Rugged Duty Service Transmission, Automatic close-ratio 6 SPD with double overdrive, Allison, A1750RDS

### OPTIONS

CODE	MODEL	MSRP
CK56043	[Retail] 2023 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck	\$64,405.00
<b>OPTIONS</b>		
092	Rear axle, 4.30 ratio	\$0.00
1WT	Work Truck Preferred Equipment Group	\$0.00
5H1	Key system, 2 spare keys	\$45.00
7Y8	Batteries, heavy-duty dual 1300 cold-cranking amps	\$85.00
8E4	Additional fuel, 5 gallons	\$40.00
9L9	Wiring harness accessory for 9L7 wiring to junction block	\$15.00
AE7	Seats, front 40/20/40 split-bench, 3-passenger	\$100.00
AQQ	Remote Keyless Entry	\$175.00
BTN	Battery, top post threaded, battery jump start stud	\$50.00
DPN	Mirrors, outside heated power-adjustable vertical trailing, upper glass, manual-folding and extending, black.	\$355.00
E0N	Assist Steps, aluminum	\$200.00
FNV	Wheelbase, 175" (444.5 cm), 60" CA	\$0.00
FPF	DPF, diesel particulate filter, manual regeneration	\$250.00
FTB	Front axle, 7,500 lb., Dana Spicer 60-256, single-reduction, front driving	\$0.00
FU7	Rear suspension, 15,500 lb. (7,031 kg) multi-leaf, vari-rate	\$50.00
G7C	Red Hot	\$0.00

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Data Version: 19190. Data Updated: Apr 16, 2023 6:41:00 PM PDT.



Vehicle: [Retail] 2023 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck (✓ Complete)  
 Quote: HANOVER FIRE 2023 SILVERADO 5500 CREW CHASSIS ORDER QUOTE 4-17-23

G86	Axle, limited slip, Dana Spicer Truetrac, torque proportioning limited slip		\$395.00
GZG	GVWR, 19,500 lb. (8845 kg)		\$2,255.00
H2R	Dark Ash seats with Jet Black interior accents, Cloth seat trim		\$0.00
HD1	Rear axle, 15,000 lb. (6,804 kg) Dana Spicer S16-130, single reduction		\$675.00
IOB	Audio system, 7" diagonal color touch-screen with Chevrolet Infotainment		\$275.00
K05	Engine block heater		\$100.00
KI4	Power outlet, 110-volt AC		\$175.00
KW5	Alternator, 220 amps	Inc.	
L5D	Engine, Duramax 6.6L Turbo-Diesel V8, B20-Diesel compatible		\$0.00
MI0	Rugged Duty Service Transmission, Automatic close-ratio 6 SPD with double overdrive, Allison, A175QRDS		\$740.00
NSQ	Fuel tank, front and rear, 65 gallon total		\$625.00
NZZ	Skid Plate, steel, frame-mounted, protects the transfer case from the ground		\$275.00
PTO	Power Take Off, engine control provisions		\$280.00
PWV	Wheels, 19.5" x 6.75", 4-aluminum wheels, 8-holes, hub piloted		\$1,095.00
PWZ	Wheel, 19.5" x 6.75", spare, aluminum, 8-holes		\$175.00
R6W	34,000 lb. GCWR (15,422 kg)		\$0.00
R7N	5500 HD Series	Inc.	
SFW	Back-up alarm calibration		\$50.00
TRW	Provision for cab roof-mounted lamp/beacon	Inc.	
UNL	Auxiliary harness, 3' for headlamps and turn signals	Inc.	
V22	Grille, chrome		\$220.00
V33	Tool kit, Rim Wrench and handle only	Inc.	
V46	Bumper, front chrome		\$350.00
V76	Recovery hooks, front, frame-mounted, black		\$25.00
VYU	Snow Plow Prep Package		\$340.00
XHD	Tires, front 225/70R19.5 G Traction Blackwall Continental		\$190.00
YHD	Tires, rear 225/70R19.5 G Traction Blackwall Continental		\$380.00
ZHD	Tire, Spare 225/70R19.5 G traction blackwall Continental		\$400.00

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 Data Version: 19190. Data Updated: Apr 16, 2023 6:41:00 PM PDT.



Vehicle: [Retail] 2023 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck (✔ Complete)

Quote: HANOVER FIRE 2023 SILVERADO 5500 CREW CHASSIS ORDER QUOTE 4-17-23

ZY1	Paint, solid		\$0.00
—	Bluetooth for phone, personal cell phone connectivity to vehicle audio system	Inc.	
<b>SUBTOTAL</b>			<b>\$74,790.00</b>
Adjustments Total			\$0.00
Tire Weight Tax			\$26.64
Destination Charge			\$1,895.00
<b>TOTAL PRICE</b>			<b>\$76,711.64</b>

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Data Version: 19190. Data Updated: Apr 16, 2023 6:41:00 PM PDT.





Vehicle: [Retail] 2023 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck (  Complete )

Quote: HANOVER FIRE 2023 SILVERADO 5500 CREW CHASSIS ORDER QUOTE 4-17-23

### Selected Model and Options

#### MODEL

CODE	MODEL	MSRP
CK56043	2023 Chevrolet Silverado MD 4WD Crew Cab Work Truck	\$64,405.00

#### COLORS

CODE	DESCRIPTION
G7C	Red Hot

#### MODEL OPTION

CODE	DESCRIPTION	MSRP
R7N	5500 HD Series (Included and only available with (GZX) 17,500 lb. GVWR, (GZJ) 18,000 lb. GVWR or (GZG) 19,500 lb. GVWR.)	Inc.

#### GVWR

CODE	DESCRIPTION	MSRP
GZG	GVWR, 19,500 lb. (8845 kg) (Silverado 5500 HD 4WD models require one of the following combinations: (1) (FTB) 7.5k front axle and (FTV) 7.5k front suspension and (HD2) 13.5k rear axle and (GR4) 13.5k rear suspension. (2) (FTB) 7.5k front axle and (FTV) 7.5k front suspension and (HD1) 15k rear axle or (J27) 15.5k rear axle and (GR4) 13.5k rear suspension or (FU7) 15.5k rear suspension. (3) (FTB) 7.5k front axle and (FTV) 7.5k front suspension and (J27) 15.5k rear axle and one of the following rear suspensions: (91B) 13.5k LiquidSpring prep single volume rear suspension, (91C) 13.5k LiquidSpring prep stacked volume rear suspension, (91D) 15.5k LiquidSpring prep single volume rear suspension or (91E) 15.5k LiquidSpring prep stacked volume rear suspension.)	\$2,255.00

#### REQUIRED OPTION

CODE	DESCRIPTION	MSRP
R6W	34,000 lb. GCWR (15,422 kg) (Requires 34k GCWR transmission (MBV/MBW/MBX/MBY/ME0/MHV/MIO/MJO). Requires (092) Rear axle, 4.30 ratio, and (HD1) 15k rear axle or (J27) 15.5k rear axle.)	\$0.00

#### ENGINE

CODE	DESCRIPTION	MSRP
L5D	Engine, Duramax 6.6L Turbo-Diesel V8, B20-Diesel compatible 350 hp @ 2700 rpm, 700 lb.-ft. torque @ 1600 rpm (STD)	\$0.00

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Data Version: 19190 Data Updated: Apr 16, 2023 6:41:00 PM PDT



Vehicle: [Retail] 2023 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck (✔ Complete)

Quote: HANOVER FIRE 2023 SILVERADO 5500 CREW CHASSIS ORDER QUOTE 4-17-23

#### POWER TAKE OFF

CODE	DESCRIPTION	MSRP
PTO	Power Take Off, engine control provisions Access is available on left-hand and right-hand side	\$280.00

#### TRANSMISSION

CODE	DESCRIPTION	MSRP
M10	Rugged Duty Service Transmission, Automatic close-ratio 6 SPD with double overdrive, Allison, A1750RDS ratios 3.10 1ST, 1.80 2ND, 1.40 3RD, 1.00 4TH, 0.70 5TH, 0.61 Rugged Duty Series, 19.5K GVW & 37K GCW Max., requires PTO and park pawl, On/Off Highway. Available with GVWs less than or equal to 19.5K (Requires (C7Y) 14,001 lb. GVWR, (C5B) 15,000 lb. GVWR, (C7P) 16,000 lb. GVWR, (C7R) 16,500 lb. GVWR, (GZX) 17,500 lb. GVWR, (GZJ) 18,000 lb. GVWR or (GZG) 19,500 lb. GVWR. Requires (R6I) 30,000 lb. GCWR (13,607 kg) or (R6W) 34,000 lb. GCWR (15,422 kg).)	\$740.00

#### AXLE

CODE	DESCRIPTION	MSRP
092	Rear axle, 4.30 ratio Max road speed: 75 MPH	\$0.00

#### FRONT AXLE

CODE	DESCRIPTION	MSRP
FTB	Front axle, 7,500 lb., Dana Spicer 60-256, single-reduction, front driving	\$0.00

#### REAR AXLE

CODE	DESCRIPTION	MSRP
HD1	Rear axle, 15,000 lb. (6,804 kg) Dana Spicer S16-130, single reduction	\$675.00

#### REAR SUSPENSION

CODE	DESCRIPTION	MSRP
FU7	Rear suspension, 15,500 lb. (7,031 kg) multi-leaf, var-rate	\$50.00

#### WHEELBASE

CODE	DESCRIPTION	MSRP
FNV	Wheelbase, 175" (444.5 cm), 60" CA (Requires (F0C) 49" axle to end of frame. Not available with (G40) 12,000 lb., (GP1) 13,500 lb. or (GP8) 15,500 lb. rear air suspension, or (NPK) Exhaust System.) (STD)	\$0.00

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Data Version: 19190 Data Updated: Apr 16, 2023 6:41:00 PM PDT



Vehicle: [Retail] 2023 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck (✔ Complete)

Quote: HANOVER FIRE 2023 SILVERADO 5500 CREW CHASSIS ORDER QUOTE 4-17-23

#### PREFERRED EQUIPMENT GROUP

CODE	DESCRIPTION	MSRP
1WT	Work Truck Preferred Equipment Group includes standard equipment	\$0.00

#### WHEEL TYPE

CODE	DESCRIPTION	MSRP
PWV	Wheels, 19.5" x 6.75", 4-aluminum wheels, 8-holes, hub piloted Dura-Bright finish is on the outside of the wheel	\$1,095.00

#### FRONT TIRES

CODE	DESCRIPTION	MSRP
XHD	Tires, front 225/70R19.5 G Traction Blackwall Continental Max Axle Load: 7,940 lb. (Requires (YHD) rear 225/70R19.5 G Traction Blackwall Continental tires.)	\$190.00

#### REAR TIRES

CODE	DESCRIPTION	MSRP
YHD	Tires, rear 225/70R19.5 G Traction Blackwall Continental Max Axle Load: 15,000 lb.	\$380.00

#### SPARE TIRE

CODE	DESCRIPTION	MSRP
ZHD	Tire, Spare 225/70R19.5 G traction blackwall Continental (Requires (XHD) front 225/70R19.5 G Traction Blackwall Continental tires or (YHD) rear 225/70R19.5 G Traction Blackwall Continental tires. Includes (V33) Rim Wrench and handle only tool kit.)	\$400.00

#### PAINT SCHEME

CODE	DESCRIPTION	MSRP
ZY1	Paint, solid	\$0.00

#### PAINT

CODE	DESCRIPTION	MSRP
G7C	Red Hot	\$0.00

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Quote: HANOVER FIRE 2023 SILVERADO 5500 CREW CHASSIS ORDER QUOTE 4-17-23

**SEAT TYPE**

CODE	DESCRIPTION	MSRP
AE7	Seats, front 40/20/40 split-bench, 3-passenger driver and front passenger recline with outboard head restraints and center fold-down armrest with storage. Vinyl has fixed lumbar and cloth has manually adjustable driver lumbar. (STD)	\$100.00

**SEAT TRIM**

CODE	DESCRIPTION	MSRP
H2R	Dark Ash seats with Jet Black interior accents, Cloth seat trim includes manually adjustable driver lumbar	\$0.00

**RADIO**

CODE	DESCRIPTION	MSRP
IOB	Audio system, 7" diagonal color touch-screen with Chevrolet Infotainment AM/FM stereo with seek-and-scan and digital clock, includes Bluetooth streaming audio for music and select phones. (Not available with (TG5) Single slot CD/MP3 player.)	\$275.00

**ADDITIONAL EQUIPMENT - PACKAGE**

CODE	DESCRIPTION	MSRP
VYU	Snow Plow Prep Package includes (UNL) auxiliary harness for headlamps and turn signals, (KW5) 220-amp alternator, forward lamp wiring harness and (TRW) provision for cab roof mounted lamp/beacon (Note: (KW5) 220-amp alternator can be upgraded to (KHB) dual, 150 amps and 220 amps each alternators.)	\$340.00

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Quote: HANOVER FIRE 2023 SILVERADO 5500 CREW CHASSIS ORDER QUOTE 4-17-23

### ADDITIONAL EQUIPMENT - MECHANICAL

CODE	DESCRIPTION	MSRP
7Y8	Batteries, heavy-duty dual 1300 cold-cranking amps includes battery box mounted to left side under cab	\$85.00
8E4	Additional fuel, 5 gallons	\$40.00
BTN	Battery, top post threaded, battery jump start stud (located on battery box) (Requires (7Y7) 1100 cold-cranking amps batteries or (7Y8) 1300 cold-cranking amps batteries.)	\$50.00
FPF	DPF, diesel particulate filter, manual regeneration customer regeneration will not be allowed until the DPF load percentage has reached 100% full and a driver information center (DIC) message has been shown (Required with (YF2) Emergency Service Package.)	\$250.00
G86	Axle, limited slip, Dana Spicer Truetrac, torque proportioning limited slip	\$395.00
K05	Engine block heater	\$100.00
KW5	Alternator, 220 amps (Included with (VYU) Snow Plow Prep Package.)	Inc.
NSQ	Fuel tank, front and rear, 65 gallon total	\$625.00
NZZ	Skid Plate, steel, frame-mounted, protects the transfer case from the ground (Not available with (7Y9) heavy-duty triple 2250 cold-cranking amp batteries.)	\$275.00
V33	Tool kit, Rim Wrench and handle only (Included with (ZBK), (ZBR), (ZHD), (ZMF), (ZBF) and (ZBG) spare tires.)	Inc.
V76	Recovery hooks, front, frame-mounted, black (Not available with (T3A) front bumper with 4" extension.)	\$25.00

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Vehicle: [Retail] 2023 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck (✔ Complete)

Quote: HANOVER FIRE 2023 SILVERADO 5500 CREW CHASSIS ORDER QUOTE 4-17-23

**ADDITIONAL EQUIPMENT - EXTERIOR**

CODE	DESCRIPTION	MSRP
DPN	Mirrors, outside heated power-adjustable vertical trailing, upper glass, manual-folding and extending, black. Includes integrated turn signal indicators consisting of 51 square inch flat mirror surface positioned over a 24.5 square inch convex mirror surface with a common head and lower convex spotter glass (convex glass is not heated and not power adjustable) and addition of Auxiliary cargo lamp for backing up (helps to see trailer when backing up with a trailer) and amber auxiliary clearance lamp	\$355.00
E0N	Assist Steps, aluminum	\$200.00
PWZ	Wheel, 19.5" x 6.75", spare, aluminum, 8-holes temporary mounted on frame. Dura-Bright finish is on the outside of the wheel. (Required and only available with (PWV) 19.5" x 6.75", aluminum, 8-holes, hub piloted wheels or (PWG) 19.5" x 6.75", 6-aluminum, 8-holes, hub piloted wheels when a spare tire is ordered.)	\$175.00
TRW	Provision for cab roof-mounted lamp/beacon provides an overhead console mounted switch and electrical wiring tucked beneath the headliner for a body upfitter to connect a body-mounted warning or emergency lamp (Included with (VYU) Snow Plow Prep Package.)	Inc.
UNL	Auxiliary harness, 3' for headlamps and turn signals (Included with (VYU) Snow Plow Prep Package.)	Inc.
V22	Grille, chrome	\$220.00
V46	Bumper, front chrome	\$350.00

**ADDITIONAL EQUIPMENT - ENTERTAINMENT**

CODE	DESCRIPTION	MSRP
—	Bluetooth for phone, personal cell phone connectivity to vehicle audio system (Included and only available with (JOB) 7" diagonal color touch-screen with Chevrolet Infotainment.)	Inc.

**ADDITIONAL EQUIPMENT - INTERIOR**

CODE	DESCRIPTION	MSRP
5H1	Key system, 2 spare keys	\$45.00
9L9	Wiring harness accessory for 9L7 wiring to junction block Includes connector and blunt cut wires	\$15.00
AQQ	Remote Keyless Entry	\$175.00
KI4	Power outlet, 110-volt AC	\$175.00
SFW	Back-up alarm calibration This calibration will allow installation of an aftermarket back-up alarm by disabling rear perimeter lighting	\$50.00

**Options Total**

**\$10,385.00**

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2800 Golden Triangle Blvd.  
 Fort Worth, TX 76177  
 866-431-1131

QUOTATION

BRAND FX BODY COMPANY (4)  
 KEVIN MCGUIRE

HANOVER FIRE PROTECTION DISTRICT  
 CARL TATUM  
 13325 OLD PUEBLO RD  
 FOUNTAIN, CO 80817  
 carl.tatum3500@gmail.com

Exp. Date: 12/30/2020  
 Quote No: 61872-0004  
 BODY: FB 60D BFXB 60 DUAL SERIES SERVICE BODY

04/26/2023

Page 1

PART NO	DESCRIPTION	QTY
	== BFXB 60 DUAL SERIES SERVICE BODY - 0.000 ==	
SB-AJ-AAHF	BFXB 60D SERVICE BODY SS=34.5/43/29.125 CS=34.5/72.125 FBCA=56 OL=106.625	1
SB-BD-AABD	OVERALL WIDTH - 94.00	1
SB-BN-AABD	PACK DEPTH - 20.00	1
SB-BP-AAAJ	PACK HEIGHT - 40	1
SB-BX-AAAJ	MOUNTING HEIGHT - 25.00	1
SB-CH-AABD	ALUMINUM UNDERSTRUCTURE	1
SB-CR-AABP	ALUM TREADPLATE FLOOR	1
SB-DL-AAAT	SMOOTH ALUM HEADER PANEL	1
SB-DV-AABD	ALUMINUM TAILSKIRT	1
SB-EF-AAAT	NON STD GELCOAT (Non-Metallic) RED G7L / WA130X **PROVIDE DUPONT COLOR CODE AT TIME OF ORDER**	1
SB-EP-AABD	D-RING 3 POINT LATCH STAINLESS STEEL	7
SB-EP-AABN	TYPE 304 STAINLESS STEEL HARDWARE	1
SB-EZ-AAAJ	TYPE 304 STAINLESS STEEL DOOR HINGE	1
SB-FJ-AAAJ	VINYL COVERED S/S CABLE DOOR STOPS	1
SB-FT-AAAT	SMOOTH COMPARTMENT TOPS	1
SB-GD-AAAJ	FULL LENGTH ALUM DRIP RAIL	1
SB-GD-AAAG	ALUMINUM ROCK GUARDS	1
SB-GD-AAAL	AUTOMOTIVE GRADE BUBBLE GASKET	1
SB-GD-AAAM	ONE PIECE MOLDED DOORS WITH AUTOMOTIVE FINISH BOTH SIDES	1
SB-GD-AAAN	RECESSED DOOR JAMBS	1
SB-GD-AAAO	FLOW THROUGH VENTILATION SYSTEM	1
SB-GN-AAAJ	FULL LED LIGHTING PACKAGE STOP / TAIL / TURN / MARKER & BACK-UP LIGHT *SHIP LOOSE	1
SB-MH-AAAT	HOTSTICK DOOR (CURB SIDE) TYPE "B"	1
SB-MH-AABN	HOTSTICK FULL LENGTH SHELF-CURB SIDE	1
SB-NL-0000	STREET FRONT COMP	1

PART NO	DESCRIPTION	QTY
SB-QN-AADB	-- 2 ADJUSTABLE SHELVES	1
SB-OF-0000	STREET HORZ COMP	1
SB-QN-AACR	-- 1 ADJUSTABLE SHELF	1
SB-OP-0000	STREET REAR COMP	1
SB-QN-AADB	-- 2 ADJUSTABLE SHELVES	1
SB-RR-AAAW	-- INTERIOR LIGHT GUARD	1
SB-OZ-0000	CURB FRONT COMP	1
SB-QN-AADB	-- 2 ADJUSTABLE SHELVES	1
SB-PT-0000	CURB HORZ COMP	1
SB-QD-AAAH	-- OPEN	1
SB-QN-AABN	-- LONG HORIZONTAL COMPARTMENT CURB SIDE	1
SB-QD-0000	CURB REAR COMP	1
SB-QD-AAAH	-- OPEN	1
SB-RR-AAAW	-- INTERIOR LIGHT GUARD	1
SB-SB-AADB	LED FLEXGLO COMPARTMENT LIGHTING TOP & SIDES OF DOOR PRICED PER COMPARTMENT	6
SB-VD-AACJ	F/G SIDE OPENING TOP BOX - 4081101 81"L x 20"W x 20"H WITH 2 SIDE OPENING DOORS LIFT UP ON GAS PROPS MTD STREETSIDE	1
SB-VD-AACL	F/G SIDE OPENING TOP BOX - 4078381 81"L x 20"W x 20"H WITH 2 SIDE OPENING DOORS WITH REAR ACCESS DOOR LIFT UP ON GAS PROPS MTD CURBSIDE	1
SB-XL-AAAJ	SPRING MOUNT KIT	1
SB-XV-0000	COMPLETION DATE IS SUBJECT TO CURRENT LEAD TIME AT DATE OF ORDER	1
SB-XV-AACI	PLUS APPLICABLE SALES TAXES	1
SB-XX-0000	*****	1
	*****PLEASE NOTE*****	
	THIS QUOTE DOES NOT INCLUDE FREIGHT	
SB-XY-0024	ORDERS WILL NOT BE PLACED WITHOUT COMPLETE INFORMATION. TO PLACE AN ORDER, RETURN COMPLETED SIGNED QUOTE WITH A PURCHASE ORDER TO 817-306-7649 OR VIA EMAIL TO ORDERDESK@BRANDFXBODY.COM	1
	***PLEASE NOTE THIS QUOTE IS VALID FOR 30 DAYS AFTER CREATE/REVISION DATE***	
	***DUE TO THE UNCERTAINTY OF MATERIALS AND PRICES OUR QUOTES & ORDERS ARE SUBJECT TO A PRICING SURCHARGE***	
	***ALL ORDERS WILL BE SCHEDULED USING OUR CURRENT LEAD TIMES & PRODUCTION SPOTS AVAILABLE. IF THE CUSTOMER REQUESTS THE	



PART NO	DESCRIPTION	QTY	
	<p>COMPLETION DATE TO BE 90 DAYS OR FURTHER OUT FROM OUR CURRENT LEAD TIMES, THE ORDER WILL BE REVIEWED AT THE TIME OF INVOICING. IF THE PRICE HAS RISEN SINCE THE TIME OF ORDER, THE ORDER WILL BE CHARGED ACCORDINLY</p> <p>Any prices contained in this quote are BrandFX's confidential trade secrets and may only be read or retained by the party to whom the quote is addressed. This quote and the prices herein may only be used to evaluate the goods and services BrandFX offers and may not be used to set the price of any competing goods or services. All other uses are prohibited. Do not share this quote or the prices herein with any other person or organization not involved in the addressee's evaluation of BrandFX's goods and services</p> <p>Total</p>		15,071.00
	<b><u>OPTIONS - NOT INCLUDED IN TOTAL</u></b>		
SB-XR-0000	(SB) FACTORY INSTALLATION	1	1045.00





325 SPRING LAKE DRIVE  
ITASCA, IL 60143-2072

PHONE (800) 323-0244  
FAX (630) 735-3560

**FAST ATTACK QUOTE**

**HFPD050123**

QUOTE DATE 5/1/2023  
QUOTE VALIDITY 6/1/2023  
CUSTOMER ACCOUNT  
PO#

BILL TO
Hanover Fire Dept. Chief Carl Tatum 13325 Old Pueblo Rd Fountain CO 80817 719 382 1900/Carl Tatum

SHIP TO
Hanover Fire Dept. Chief Carl Tatum 13325 Old Pueblo Rd Fountain CO 80817 719 382 1900/Carl Tatum

PAYMENT	FOB POINT	SALES MANAGER
NET 15 Subject to Credit Approval	ORIGIN	MIKE ADAMS (720) 903-6844 mikeadams@darley.com

LINE ITEM	PART NUMBER	PART DESCRIPTION	QTY	UNIT PRICE	DISCOUNT	UNIT WITH DISCOUNT	TOTAL
FA2 - OPTION 1							
1		FAST ATTACK 2 Option 1 - Darley 1.5AGE (high pressure / gear driven) 21 HP Honda gas engine: Electric Start * exhaust primer * 200 gallon poly water tank * illuminated pressure gauge, 2" welded Stainless Steel auxiliary suction with a 2.5" adapter * 2" tank to pump * All welded Stainless Steel manifold painted blue, including 1" tank fill - 1" pump to booster reel - 1.5" NST discharge * chrome caps * electric booster reel with 100' of 1" booster hose	1	\$ 15,030.00	5%	\$ 14,278.50	\$ 14,278.50
2		Custom tank	1	\$ 775.00	5%	\$ 736.25	\$ 736.25
FA2 - OPTION 1 PUMP UPGRADES							
3		1.5AGE24 Kubota	1	\$ 12,645.00	5%	\$ 12,012.75	\$ 12,012.75
4		AP 01707 - 12 volt Fluidless primer with Digitrol interface	1	\$ 2,405.00	25%	\$ 1,803.75	\$ 1,803.75
FA 2- OPTION 2							
Tank Upgrades:							
5		300 Gallon tank - 48"W x 105"L with a 40" platform	1	\$ 780.00	5%	\$ 741.00	\$ 741.00
6		Foam Cell, Built-In Foam Tank (10 Gallon)	1	\$ 610.00	5%	\$ 579.50	\$ 579.50
7		AR317 - FRC tank level gauge - Water	1	\$ 660.00	5%	\$ 627.00	\$ 627.00
8		TMP WLA 260-A00 - FRC tank level gauge - Foam	1	\$ 660.00	5%	\$ 627.00	\$ 627.00

LINE ITEM	PART NUMBER	PART DESCRIPTION	QTY	UNIT PRICE	DISCOUNT	UNIT WITH DISCOUNT	TOTAL
9		Custom tank, /include an aluminum comaprtn with doors under pump deck to house a 225/70R19.5, and an additional tool compartment with door under the remaining space	1	\$ 4,980.00		\$ 4,980.00	\$ 4,980.00
		225/70R19.5 tire measurments, Laying down flat it's 9 and a 1/2 but I would go 10 just to give you a little extra room. 32 standing up 33 to be safe					
		<b>BOOSTER REEL UPGRADES</b>					
10		Roller & Spool Assembly / Hose Guide	2	\$ 315.00	5%	\$ 299.25	\$ 598.50
		<b>Foam Equipment</b>					
11		Foam, Proportioning System, Darley Fast Foam (discharge side / available on FA 2 units only)	1	\$ 4,695.00	15%	\$ 3,990.75	\$ 3,990.75
		<b>Miscellaneous:</b>					
12		Hose Tray to Fit 200' of 1.5" Hose with Mattydale Swivel shipped loose	1	\$ 775.00	5%	\$ 736.25	\$ 736.25
13		Additional 1" NST discharge	1	\$ 145.00	5%	\$ 137.75	\$ 137.75
14		Additional 1.5" NST Discharge w/ Cap	1	\$ 225.00	5%	\$ 213.75	\$ 213.75
15		1 Additional NPT Port Plugged for Ground Sweeps					
16		LED Work Light	1	\$ 160.00	5%	\$ 152.00	\$ 152.00
		<b>Notes:</b>					
17		AS309 – Mini Display for Water	1	\$ 260.00	5%	\$ 247.00	\$ 247.00
18		Secondary Digitrol panels, 30' harness with throttle to pressure feature and loss of water / oil pressure shut down	1	\$ 5,460.00	25%	\$ 4,095.00	\$ 4,095.00
19		ON005957 – Mini Display for Foam	1	\$ 260.00	5%	\$ 247.00	\$ 247.00

**Special Terms:**

1. Sales tax where applicable is not included in quote.
2. Customer P.O. constitutes acceptance of these terms.
3. Quote expires in 60 days herein.
4. All freight is FOB Chippewa Falls, WI 54729, unless otherwise noted.
5. Crating charges need to be determined for final pricing.

<b>SUBTOTAL</b>	<b>\$46,803.75</b>
<b>SALES TAX</b>	
<b>FREIGHT</b>	<b>\$1,500.00</b>
<b>TOTAL</b>	<b>\$48,303.75</b>

*Product availability, prices and delivery dates are based upon information available at the time of quote. All information is subject to reconfirmation at time of order.*

[FOR MORE INFORMATION, PLEASE VISIT: DARLEY.COM](http://DARLEY.COM)



1000 Bishops Gate Blv. Ste 300  
Mt. Laurel, NJ 08054-5404

t1.800.444.4554 Opt.2  
f1.800.777.3929

April 24, 2023

Mr. Dwane Baker, Board Chairman  
Hanover FPSA  
13325 OLD PUEBLO RD  
FOUNTAIN , Colorado, 80817

RE: Hanover Fpsa, Pueblo, El Paso Counties, Colorado  
Public Protection Classification: 05/10  
Effective Date: August 01, 2023

Dear Mr. Dwane Baker,

We wish to thank you and Mr. Carl Tatum for your cooperation during our recent Public Protection Classification (PPC) survey. ISO has completed its analysis of the structural fire suppression delivery system provided in your community. The resulting classification is indicated above.

If you would like to know more about your community's PPC classification, or if you would like to learn about the potential effect of proposed changes to your fire suppression delivery system, please call us at the phone number listed below.

ISO's Public Protection Classification Program (PPC) plays an important role in the underwriting process at insurance companies. In fact, most U.S. insurers – including the largest ones – use PPC information as part of their decision-making when deciding what business to write, coverage's to offer or prices to charge for personal or commercial property insurance.

Each insurance company independently determines the premiums it charges its policyholders. The way an insurer uses ISO's information on public fire protection may depend on several things – the company's fire-loss experience, ratemaking methodology, underwriting guidelines, and its marketing strategy.

Through ongoing research and loss experience analysis, we identified additional differentiation in fire loss experience within our PPC program, which resulted in the revised classifications. We based the differing fire loss experience on the fire suppression capabilities of each community. The new classifications will improve the predictive value for insurers while benefiting both commercial and residential property owners. We've published the new classifications as "X" and "Y" – formerly the "9" and "8B" portion of the split classification, respectively. For example:

- A community currently graded as a split 6/9 classification will now be a split 6/6X classification; with the "6X" denoting what was formerly classified as "9."
- Similarly, a community currently graded as a split 6/8B classification will now be a split 6/6Y classification, the "6Y" denoting what was formerly classified as "8B."

- Communities graded with single "9" or "8B" classifications will remain intact.
- Properties over 5 road miles from a recognized fire station would receive a class 10.

PPC is important to communities and fire departments as well. Communities whose PPC improves may get lower insurance prices. PPC also provides fire departments with a valuable benchmark, and is used by many departments as a valuable tool when planning, budgeting and justifying fire protection improvements.

ISO appreciates the high level of cooperation extended by local officials during the entire PPC survey process. The community protection baseline information gathered by ISO is an essential foundation upon which determination of the relative level of fire protection is made using the Fire Suppression Rating Schedule.

The classification is a direct result of the information gathered, and is dependent on the resource levels devoted to fire protection in existence at the time of survey. Material changes in those resources that occur after the survey is completed may affect the classification. Although ISO maintains a pro-active process to keep baseline information as current as possible, in the event of changes please call us at 1-800-444-4554, option 2 to expedite the update activity.

ISO is the leading supplier of data and analytics for the property/casualty insurance industry. Most insurers use PPC classifications for underwriting and calculating premiums for residential, commercial and industrial properties. The PPC program is not intended to analyze all aspects of a comprehensive structural fire suppression delivery system program. It is not for purposes of determining compliance with any state or local law, nor is it for making loss prevention or life safety recommendations.

If you have any questions about your classification, please let us know.

Sincerely,

*Alex Shubert*

Alex Shubert

Manager -National Processing Center

cc: Mr. KEITH DEVORE, Water Operator, WIGWAM WATER  
Ms. Meighan Powell, Communications Supervisor, El Paso Co Sheriff PSAP  
Mr. Carl Tatum, Chief, HANOVER FIRE DEPARTMENT

**Public Protection Classification  
(PPC®)  
Summary Report**

**Hanover FPSA**

**COLORADO**

**Prepared by**

**Insurance Services Office, Inc.  
1000 Bishops Gate Blvd., Ste. 300  
P.O. Box 5404  
Mt. Laurel, New Jersey 08054-5404  
1-800-444-4554**

**Report Created April 2023  
Effective August 1, 2023**



## Background Information

### Introduction

ISO collects and evaluates information from communities in the United States 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. ISO 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 in excess of 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.

ISO is an independent company that serves insurance companies, communities, fire departments, insurance regulators, and others by providing information about risk. ISO's expert staff collects information about municipal fire suppression efforts in communities throughout the United States. In each of those communities, ISO 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 ISO's minimum criteria.

ISO's PPC program evaluates communities according to 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.



## Data Collection and Analysis

ISO has evaluated and classified over 39,000 fire protection areas across the United States using its FSRS. A combination of meetings between trained ISO 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. In order 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. ISO 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. ISO 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:

<b>PPC</b>	<b>Points</b>
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 FSRS criteria for recognition, including areas that are beyond five road miles of a recognized fire station.

## New PPC program changes effective July 1, 2014

We have revised the PPC program to capture the effects of enhanced fire protection capabilities that reduce fire loss and fire severity in Split Class 9 and Split Class 8B areas (as outlined below). This new structure benefits the fire service, community, and property owner.

### New classifications

Through ongoing research and loss experience analysis, we identified additional differentiation in fire loss experience within our PPC program, which resulted in the revised classifications. We based the differing fire loss experience on the fire suppression capabilities of each community. The new PPC classes will improve the predictive value for insurers while benefiting both commercial and residential property owners. Here are the new classifications and what they mean.

### Split classifications

When we develop a split classification for a community — for example 5/9 — the first number is the class that applies to properties within 5 road miles of the responding fire station and 1,000 feet of a creditable water supply, such as a fire hydrant, suction point, or dry hydrant. The second number is the class that applies to properties within 5 road miles of a fire station but beyond 1,000 feet of a creditable water supply. We have revised the classification to reflect more precisely the risk of loss in a community, replacing Class 9 and 8B in the second part of a split classification with revised designations.

### What's changed with the new classifications?

We've published the new classifications as "X" and "Y" — formerly the "9" and "8B" portion of the split classification, respectively. For example:

- A community currently displayed as a split 6/9 classification will now be a split 6/6X classification; with the "6X" denoting what was formerly classified as "9".
- Similarly, a community currently graded as a split 6/8B classification will now be a split 6/6Y classification, the "6Y" denoting what was formerly classified as "8B".
- Communities graded with single "9" or "8B" classifications will remain intact.

Prior Classification	New Classification
1/9	1/1X
2/9	2/2X
3/9	3/3X
4/9	4/4X
5/9	5/5X
6/9	6/6X
7/9	7/7X
8/9	8/8X
9	9

Prior Classification	New Classification
1/8B	1/1Y
2/8B	2/2Y
3/8B	3/3Y
4/8B	4/4Y
5/8B	5/5Y
6/8B	6/6Y
7/8B	7/7Y
8/8B	8/8Y
8B	8B

### **What's changed?**

As you can see, we're still maintaining split classes, but it's how we represent them to insurers that's changed. The new designations reflect a reduction in fire severity and loss and have the potential to reduce property insurance premiums.

### **Benefits of the revised split class designations**

- To the fire service, the revised designations identify enhanced fire suppression capabilities used throughout the fire protection area
- To the community, the new classes reward a community's fire suppression efforts by showing a more reflective designation
- To the individual property owner, the revisions offer the potential for decreased property insurance premiums

### **New water class**

Our data also shows that risks located more than 5 but less than 7 road miles from a responding fire station with a creditable water source within 1,000 feet had better loss experience than those farther than 5 road miles from a responding fire station with no creditable water source. We've introduced a new classification —10W— to recognize the reduced loss potential of such properties.

### **What's changed with Class 10W?**

Class 10W is property-specific. Not all properties in the 5-to-7-mile area around the responding fire station will qualify. The difference between Class 10 and 10W is that the 10W-graded risk or property is within 1,000 feet of a creditable water supply. Creditable water supplies include fire protection systems using hauled water in any of the split classification areas.

### **What's the benefit of Class 10W?**

10W gives credit to risks within 5 to 7 road miles of the responding fire station and within 1,000 feet of a creditable water supply. That's reflective of the potential for reduced property insurance premiums.

### **What does the fire chief have to do?**

Fire chiefs don't have to do anything at all. The revised classifications went in place automatically effective July 1, 2014 (July 1, 2015 for Texas).

### **What if I have additional questions?**

Feel free to contact ISO at 800.444.4554 or email us at [PPC-Cust-Serv@iso.com](mailto:PPC-Cust-Serv@iso.com).

## Distribution of PPC Grades

The 2020 published countrywide distribution of communities by the PPC grade is as follows:



## Assistance

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

The PPC program representatives can be reached by telephone at (800) 444-4554. The technical specialists at this telephone number have access to the details of this evaluation and can effectively speak with you about your questions regarding the PPC program. What's more, we can be reached via the internet at [www.isomitigation.com/talk/](http://www.isomitigation.com/talk/).

We also have a website dedicated to our Community Hazard Mitigation Classification programs at [www.isomitigation.com](http://www.isomitigation.com). Here, fire chiefs, building code officials, community leaders and other interested citizens can access a wealth of data describing the criteria used in evaluating how cities and towns are protecting residents from fire and other natural hazards. This website will allow you to learn more about the PPC program. The website provides important background information, insights about the PPC grading processes and technical documents. ISO is also pleased to offer Fire Chiefs Online — a special, secured website with information and features that can help improve your PPC grade, including a list of the Needed Fire Flows for all the commercial occupancies ISO has on file for your community. Visitors to the site can download information, see statistical results and also contact ISO for assistance.

In addition, on-line access to the FSRS and its commentaries is available to registered customers for a fee. However, fire chiefs and community chief administrative officials are given access privileges to this information without charge.

To become a registered fire chief or community chief administrative official, register at [www.isomitigation.com](http://www.isomitigation.com).

## PPC Review

ISO concluded its review of the fire suppression features being provided for Hanover FPSA. The resulting community classification is **Class 05/10**.

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/XX):

- The first class (e.g., “6” in a 6/XX) 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 (XX or XY) 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.
- Class 10 applies to properties over 5 road miles of a recognized fire station.
- Class 10W applies to properties within 5 to 7 road miles of a recognized fire station with a recognized water supply within 1,000 feet.
- Specific properties with a Needed Fire Flow in excess of 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	2.85	3
422. Credit for Telecommunicators	4.00	4
432. Credit for Dispatch Circuits	1.95	3
<b>440. Credit for Emergency Communications</b>	<b>8.80</b>	<b>10</b>
<b>Fire Department</b>		
513. Credit for Engine Companies	6.00	6
523. Credit for Reserve Pumpers	0.00	0.50
532. Credit for Pump Capacity	3.00	3
549. Credit for Ladder Service	0.61	4
553. Credit for Reserve Ladder and Service Trucks	0.12	0.50
561. Credit for Deployment Analysis	1.46	10
571. Credit for Company Personnel	4.77	15
581. Credit for Training	4.47	9
730. Credit for Operational Considerations	2.00	2
<b>590. Credit for Fire Department</b>	<b>22.43</b>	<b>50</b>
<b>Water Supply</b>		
616. Credit for Supply System	15.56	30
621. Credit for Hydrants	3.00	3
631. Credit for Inspection and Flow Testing	3.20	7
<b>640. Credit for Water Supply</b>	<b>21.76</b>	<b>40</b>
<b>Divergence</b>		
1050. Community Risk Reduction	-1.91	--
	4.18	5.50
<b>Total Credit</b>	<b>55.26</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>2.85</b>	<b>3</b>
422. Credit for Telecommunicators	<b>4.00</b>	<b>4</b>
432. Credit for Dispatch Circuits	<b>1.95</b>	<b>3</b>
<b>Item 440. Credit for Emergency Communications:</b>	<b>8.80</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. ISO 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>10.00</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>95.00</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. The 2013 Edition of 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 eighty percent of emergency alarm processing shall be completed within 60 seconds and ninety-five percent of alarm processing shall be completed within 106 seconds of answering the call.



To receive full credit for operators on duty, ISO 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>
<b>A1. Alarm Receipt (AR)</b> Receipt of alarms shall meet the requirements in accordance with the criteria of NFPA 1221	<b>20.00</b>	<b>20</b>
<b>A2. Alarm Processing (AP)</b> Processing of alarms shall meet the requirements in accordance with the criteria of NFPA 1221	<b>20.00</b>	<b>20</b>
<b>B. Emergency Dispatch Protocols (EDP)</b> Telecommunicators have emergency dispatch protocols (EDP) containing questions and a decision-support process to facilitate correct call categorization and prioritization.	<b>20.00</b>	<b>20</b>
<b>C. Telecommunicator Training and Certification (TTC)</b> 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.	<b>20.00</b>	<b>20</b>
<b>D. Telecommunicator Continuing Education and Quality Assurance (TQA)</b> Telecommunicators participate in continuing education and/or in-service training and quality-assurance programs as appropriate for their positions	<b>20.00</b>	<b>20</b>
<b>Review of Telecommunicators total:</b>	<b>100.00</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. ISO uses NFPA 1221 to guide the evaluation of this item. ISO's evaluation also includes a review of the communication system's emergency power supplies.

**Item 432 "Credit for Dispatch Circuits (CDC)" = 1.95 points**

## **Fire Department**

Fifty percent of a community's overall score is based upon the fire department's structure fire suppression system. ISO'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>6.00</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>0.61</b>	4
553. Credit for Reserve Ladder and Service Trucks	<b>0.12</b>	0.5
561. Credit for Deployment Analysis	<b>1.46</b>	10
571. Credit for Company Personnel	<b>4.77</b>	15
581. Credit for Training	<b>4.47</b>	9
730. Credit for Operational Considerations	<b>2.00</b>	2
<b>Item 590. Credit for Fire Department:</b>	<b>22.43</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 500 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) **3 engine companies** to provide fire suppression services to areas to meet NFPA 1710 criteria or within 1½ miles.
- b) **1 engine companies** to support a Basic Fire Flow of 500 gpm.
- c) **1 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. ISO 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 ISO 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)" = 6.00 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 500 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 **0 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 **3 service companies** in service.

**Item 549 "Credit for Ladder Service (CLS)" = 0.61 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)” = 0.12 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)” = 1.46 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 on the basis of 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 **1.75 on-duty personnel** and an average of **10.26 on-call personnel** responding on first alarm structure fires.

**Item 571 “Credit for Company Personnel (CCP)” = 4.77 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>5.50</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>15.63</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>2.00</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>4.17</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>0.35</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>12.00</b>	<b>12</b>

**Item 580 “Credit for Training (CT)” = 4.47 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 ISO 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>15.56</b>	<b>30</b>
621. Credit for Hydrants	<b>3.00</b>	<b>3</b>
631. Credit for Inspection and Flow Testing	<b>3.20</b>	<b>7</b>
<b>Item 640. Credit for Water Supply:</b>	<b>21.76</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 ISO review.

Where there are 2 or more systems or services distributing water at the same location, credit is given on the basis of 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)” = 15.56 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 7 hydrants in the graded area.

620. Hydrants, - Size, Type and Installation	Number of Hydrants
A. With a 6 -inch or larger branch and a pumper outlet with or without 2½ - inch outlets	7
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	0
C./D. With only a 2½ -inch outlet or with less than a 6 -inch branch	0
E./F. Flush Type, Cistern, or Suction Point	0

**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.

<u>Frequency</u>	<u>Points</u>
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 = 3.20 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 = 0.00 points**

**Item 631 "Credit for Inspection and Fire Flow Testing (CIT)" = 3.20 points**

**Divergence = -1.91**

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>1.37</b>	2.2
1033. Credit for Public Fire Safety Education (CFSE)	<b>1.71</b>	2.2
1044. Credit for Fire Investigation Programs (CIP)	<b>1.10</b>	1.1
<b>Item 1050. Credit for Community Risk Reduction</b>	<b>4.18</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.	2.76	10
<b>Fire Prevention Staffing (PS)</b> Evaluation of staffing for fire prevention activities.	8.00	8
<b>Fire Prevention Certification and Training (PCT)</b> Evaluation of the certification and training of fire prevention code enforcement personnel.	0.00	6
<b>Fire Prevention Programs (PCP)</b> Evaluation of fire prevention programs.	14.20	16
<b>Review of Fire Prevention Code and Enforcement (CPCE) subtotal:</b>	<b>24.96</b>	<b>40</b>

<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.	5.00	10
<b>Public Fire Safety Education Programs (FSP)</b> Evaluation of programs for public fire safety education.	26.00	30
<b>Review of Public Safety Education Programs (CFSE) subtotal:</b>	<b>31.00</b>	<b>40</b>

<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.	6.00	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>	<b>20.00</b>	<b>20</b>

**Summary of PPC Review**

**for**

**Hanover FPSA**

<b>FSRS Item</b>	<b>Earned Credit</b>	<b>Credit Available</b>
<b>Emergency Communications</b>		
414. Credit for Emergency Reporting	2.85	3
422. Credit for Telecommunicators	4.00	4
432. Credit for Dispatch Circuits	1.95	3
<b>440. Credit for Emergency Communications</b>	<b>8.80</b>	<b>10</b>
<b>Fire Department</b>		
513. Credit for Engine Companies	6.00	6
523. Credit for Reserve Pumpers	0.00	0.5
532. Credit for Pumper Capacity	3.00	3
549. Credit for Ladder Service	0.61	4
553. Credit for Reserve Ladder and Service Trucks	0.12	0.5
561. Credit for Deployment Analysis	1.46	10
571. Credit for Company Personnel	4.77	15
581. Credit for Training	4.47	9
730. Credit for Operational Considerations	2.00	2
<b>590. Credit for Fire Department</b>	<b>22.43</b>	<b>50</b>
<b>Water Supply</b>		
616. Credit for Supply System	15.56	30
621. Credit for Hydrants	3.00	3
631. Credit for Inspection and Flow Testing	3.20	7
<b>640. Credit for Water Supply</b>	<b>21.76</b>	<b>40</b>
<b>Divergence</b>	<b>-1.91</b>	<b>--</b>
<b>1050. Community Risk Reduction</b>	<b>4.18</b>	<b>5.50</b>
<b>Total Credit</b>	<b>55.26</b>	<b>105.5</b>

**Final Community Classification = 05/10**

**INSURANCE SERVICES OFFICE, INC.  
HYDRANT FLOW DATA SUMMARY**

Community Hanover Fpsa State COLORADO Witnessed by: Insurance Services Office Survey Date: July 14, 2022  
 County Colorado(El Paso, Pueblo) State CO (05)

TEST NO.	TYPE DIST.†	TEST LOCATION	SERVICE	FLOW - GPM $Q = (29.83(C(d^2)p^{0.5}))$		PRESSURE PSI		FLOW AT 20 PSI		REMARKS***	MODEL TYPE	FLOW TEST DATE
				INDIVIDUAL HYDRANTS	TOTAL	STATIC	RESID.	NEEDED **	AVAIL.			
1		BOCA RATON @ LA QUESTA	WIGWAM WATER, MAIN	1000	0	46	25	500	1100		FTPC	08/01/2022
2		HANOVER ELEM SCHOOL 400'	WIGWAM WATER, MAIN	910	0	48	21	500	950		FTPC	08/01/2022
3		CISTERN 30K AT SCHOOL	WIGWAM WATER, MAIN	0	0	0	0	3000	250	(C)-(1182 gpm)	SP	08/01/2022
4		AVENDIA HERMOSA @ VIA FELIZ	WIGWAM WATER, MAIN	750	0	120	20	500	750		FTPC	08/01/2022
5		INDIAN VILLAGE HTS @ SCHOOL	Fire Department Supply	0	0	400	0	750	400		CTR	08/01/2022
6		WIGWAM @ INDUSTRIAL	Fire Department Supply	0	0	350	0	500	350		CTR	08/01/2022
7		AVENIDA HERMOSA @ VIA FELIZ	Fire Department Supply	0	0	600	0	500	600		CTR	08/01/2022
8		LA QUESTA @ BOCA RATON	Fire Department Supply	0	0	600	0	500	600		CTR	08/01/2022

THE ABOVE LISTED NEEDED FIRE FLOWS ARE FOR PROPERTY INSURANCE PREMIUM CALCULATIONS ONLY AND ARE NOT INTENDED TO PREDICT THE MAXIMUM AMOUNT OF WATER REQUIRED FOR A LARGE SCALE FIRE CONDITION.  
 THE AVAILABLE FLOWS ONLY INDICATE THE CONDITIONS THAT EXISTED AT THE TIME AND AT THE LOCATION WHERE TESTS WERE WITNESSED.  
 \*Comm = Commercial; Res = Residential.  
 \*\*Needed is the rate of flow for a specific duration for a full credit condition. Needed Fire Flows greater than 3,500 gpm are not considered in determining the classification of the city when using the Fire Suppression Rating Schedule.  
 \*\*\* (A)-Limited by available hydrants to gpm shown. Available facilities limit flow to gpm shown plus consumption for the needed duration of (B)-2 hours, (C)-3 hours or (D)-4 hours.

