

**AGENDA FOR THE  
ENGLEWOOD CITY COUNCIL  
STUDY SESSION  
MONDAY, APRIL 6, 2015  
COMMUNITY ROOM  
6:00 P.M.**

**I. Denver Fire Department – Update**

City Manager Eric Keck will provide an update on contract negotiations with the Denver Fire Department.



Memorandum:

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To: Honorable Mayor and Members of the City Council  
From: Eric A. Keck, City Manager  
Date: 31 March 2015  
Subject: Intergovernmental Agreement on Fire Protection

This memorandum will outline the framework for an intergovernmental agreement with Denver Fire for the purpose of providing fire and EMS for the City of Englewood. The agreement comprises several components necessary to ensure that we have a successful contract. I will hit the highlights of these components as well as discuss some of the more detailed aspects of the agreement.

**Highlights:**

- Denver Fire will staff and maintain the Jefferson and Acoma Stations
- The City of Englewood will work with Denver Fire on the requisite improvements to the Jefferson and Acoma Stations. Currently, the cost of these improvements is projected to cost \$424,500 and be completed in 2016
- Denver Fire's travel time for fire calls shall be 4 minutes or less
- Denver Fire will contract with Denver Health to provide two dedicated ambulances which shall be housed in the Englewood fire stations
- Denver Health's travel time for medical calls shall be 4 minutes or less
- Denver Health shall transport all emergency trauma patients to Swedish Hospital and abide by patient request for all other medical transports
- Englewood firefighters shall be allowed to qualify for Firefighter I positions under the Denver Fire and Denver Civil Service System rules
- Englewood firefighters shall be permitted to remain in the FPPA pension system
- The City of Englewood shall maintain the Fire Marshal and inspection function
- The City of Englewood shall cooperate with Denver Fire with respect to fire prevention activities and include Denver Fire with such issues
- Denver Fire Chief's action plan indicates four-person staffing on all apparatus
- Denver Fire Chief's action plan indicates an engine stationed within the Jefferson Station and a Quint stationed within the Acoma Station
- Denver shall honor all mutual aid and automatic response agreements that are in place with the City of Englewood

- Englewood Police and Denver Fire will cooperate in establishing a means of radio communication between the Englewood Police Department and Denver Fire Department
- Denver Fire shall provide for the dispatch of all fire and medical calls with the cooperation of the Englewood Public Safety Answering Point (PSAP)
- The term of the agreement is proposed to be 20 years
- The agreement, as written now, is proposed to increase 1% per year. However, this is not expected to be the final negotiated amount. Denver Fire has proposed 3% which is a figure that is palatable
- Denver Fire will participate with community events such as Funfest, 4<sup>th</sup> of July, holiday parade, etc.
- Denver Fire will coordinate with the Englewood Police Department with traffic control at accident scenes, roof access, aerial crime scene photography, etc.
- Denver Health will assist the Englewood Police Department with blood draws, SWAT Medics, and blood borne pathogen exposure protocol
- Joint advisory board will be formulated to work through any disputes that may arise. Two people will be appointed by Englewood and two from Denver that will encourage cooperation between the two entities relating to fire services
- Agreement contains a non-appropriation clause to be consistent with TABOR

#### **Paragraph 14: Personnel**

This is probably one of the most important sections of the agreement as it pertains to how equivalency pay will be managed. Staff has heard the Council vocalize that they wanted to see our fire personnel transitioning to Denver to be made whole for a period of time after separation. We are currently working with the City of Denver on how this can be implemented either through bi-weekly payments by Denver Fire or as a lump sum payment on separation from the City of Englewood. However, our commitment to compensation equivalency has not changed. In either case, the amount that the City would be paying out to our fire employees would not exceed \$1,662,272.16.

#### **Exhibit B:**

Exhibit B of the IGA discusses the review of new building plans by both the City of Englewood Fire Marshal and Building Division as well as by the Denver Fire Department. The rules by which the plan reviews shall transpire are laid out in this exhibit and clearly enunciates that the City of Englewood maintains the final authority to issue site plan approvals, building permits, and final certificates of occupancy. The Englewood Fire Marshal shall coordinate with Denver Fire Department Engineering personnel on all pre-construction, site plan review, final building plans and specifications, and final inspection procedures.

Denver Fire personnel will also be invited to attend all commercial building safety inspections. If a particular inspection is outside of the technical skill level of the Englewood personnel, Denver Fire may be requested to perform the inspection.

**Exhibit C:**

Exhibit C refers to the legal descriptions of both the Jefferson and Acoma Fire Stations. This exhibit also clearly enunciates the information technology infrastructure that is available within these facilities. It also clearly stipulates that Denver Fire will be responsible for the daily operational and maintenance costs of the facilities. The City of Englewood will maintain ownership of the buildings and ultimately the responsibility for their replacement.

**Exhibit D:**

Exhibit D is the fire station lease agreement. The City of Englewood will lease the stations to Denver Fire for the consideration of providing Fire and EMS services articulated within the Intergovernmental Agreement. The term of this lease agreement is detailed as 1 June 2015 through 31 December 2035. Like any standard commercial lease, the agreement details what can and cannot be done with the buildings. This exhibit also puts forward the commercial general liability and property damage insurance coverage required by the City of Englewood for the Denver Fire Department to operate within the facilities.

**Exhibit E:**

Exhibit E refers to the rolling stock and equipment that will be transferred to Denver Fire. As you will see from the document, the City of Englewood will be turning over the 2001 American LaFrance Squirt, 2007 Crimson Pumper, 2007 Crimson Heavy Rescue Pumper, 2009 Chevrolet Ambulance, and 2012 Dodge Ambulance. The rest of the Englewood Fire/Rescue Department assets will remain with the City of Englewood unless Denver Fire negotiates for the acquisition of this equipment. Exhibit E further calls out all of the tools and equipment that is associated with the rolling stock that will be transferred to Denver.

**Exhibit F:**

Exhibit F articulates the ambulance vehicles and equipment that will be transferred to Denver Fire and ultimately to the Denver Paramedics.

**Exhibit G:**

Exhibit G references the Denver Civil Service Commission information booklet and firefighter lateral appointment process. This exhibit enunciates the rules and regulations by which the Englewood firefighters and personnel will be tested and examined for sufficiency to be hired by the Denver Fire Department.

If you should have any questions, please do not hesitate to contact me.

**DRAFT**

BY AUTHORITY

ORDINANCE NO. \_\_\_\_\_  
SERIES OF 2015

COUNCIL BILL NO.  
INTRODUCED BY COUNCIL  
MEMBER \_\_\_\_\_

A BILL FOR

AN ORDINANCE APPROVING, ADDRESSING PREVIOUS INTERGOVERNMENTAL AGREEMENTS, GRANTS, AND CONTRACTS DUE TO THE INTERGOVERNMENTAL AGREEMENT BETWEEN THE CITY OF ENGLEWOOD AND THE CITY OF DENVER.

WHEREAS, Englewood has chosen to contract with Denver to provide fire and ambulance services; and

WHEREAS, intergovernmental agreements, grants, and contracts have been identified concerning Englewood Fire Department; and

WHEREAS, current intergovernmental agreements, grants and contracts concerning the Englewood Fire Department need to be addressed.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ENGLEWOOD, COLORADO, THAT:

Section 1. The following Intergovernmental Agreements need to be addressed:

1. Ordinance No. 31, Series of 2014 – Plan review and inspection services between South Metro Fire Rescue Authority.

*This IGA shall continue as Englewood is maintaining the Fire Marshal and plan review function.*

2. Ordinance No. 23, Series of 2014 – Colorado Department of Public Safety Division of Fire Prevention and Control regarding joint staffing and operation of a State Wildland Fire Engine and the City of Englewood, Colorado.

*Terminated December 31, 2014 per the Agreement terms.*

3. Ordinance No. 23, Series of 2013 – Colorado Department of Public Safety Division of Fire Prevention and Control regarding temporary staffing and operation of a State Wildland Fire Engine and the City of Englewood, Colorado.

*Terminated December 31, 2013 per the Agreement terms.*

4. Ordinance No. 45, Series of 1990 – Castlewood Fire Protection District Mutual/Automatic Aid.

*This IGA shall continue and is addressed in the contract with Denver.*

5. Ordinance No. 4, Series of 1997 – Various Jurisdictions throughout Colorado for Emergency Management.

*This IGA is a mutual aid agreement between the twenty-six listed jurisdictions, FEMA and the City for mutual aid during defined disaster emergencies. The Agreement is binding upon the successors and assigns of each of the jurisdictions*

6. Ordinance No. 60, Series of 2002 - Regional Hazardous Materials Board of Arapahoe and Douglas Counties for Hazardous Substance Planning in the event of occurrence of Hazardous Substance Incident in the Area.

*Twenty-six different jurisdictions in the Arapahoe/Douglas County area entered into this IGA. The IGA is binding upon the parties' respective successors and assigns, but may not be assigned without the express written consent of the parties. The City Manager shall request written consent of other parties.*

7. Ordinance No. 59, Series of 2002 – IGA for Mutual Aid between Fire Departments.

*Agreement is binding upon the successors and assigns. No party may assign without prior written consent. The City Manager shall request written consent of other parties.*

8. Ordinance No. 26, Series of 2004 - State of Colorado Grant money to be given to the City by the State, which said grant money, comes from the Federal government.

*Contract ended by its terms in 2009.*

9. Ordinance No. 29, Series of 2007 - South Metro Fire Protection District Mutual Aid.

*South Metro is a signatory to the 2002 Mutual Aid IGA, where Denver and 57 other jurisdictions are signatories. The City Manager shall request written consent of other parties.*

10. Ordinance No. 30, Series of 2007 - Littleton Fire Protection District.

*Agreement ended by its terms in 2009.*

11. Ordinance No. 16, Series of 2009 - City of Sheridan Mutual Aid.

*Agreement is binding upon the parties' successors or assigns. Sheridan's Fire Department was taken over by Denver. The City Manager shall give notice to Denver.*

12. Ordinance No.17, Series of 2009 - City and County of Denver partner in Urban Area Security Initiative (UASI).

*Authorized the City of Englewood to become a participating partner in the Urban Area Security Initiative (UASI). The State of Colorado is the Grantor, the City and County of Denver is the Grantee, and all other participants are sub-contractors. Federal money comes from the Department of Homeland Security to the State who passes the money to the City and County of Denver, who it turn passes it to the sub-contractors as grant money. Binding effect – All provisions are binding upon parties' heirs, legal representatives, successors and assigns. No further action necessary.*

13. Ordinance No. 25, Series of 2010 - Denver Health and Hospital Authority Mutual Response for EMS service.

*May be terminated with 30 day written notice. The 2015 IGA between Englewood and Denver will eliminate the need for the 2010 IGA.*

14. Ordinance No. 15, Series of 2011 - Red Rocks Community College (RRCC) EMT students to work with Englewood Fire EMT's to gain clinical experience.

*Agreement ended by its terms in 2014.*

15. Resolution No. 67, Series of 2010 - Memorandum of Understanding Amateur Radio Emergency Service of Arapahoe County "AREA" – District 22.

*This MOU shall continue and is addressed in the contract with Denver.*

Section 2. The following Grants need to be addressed:

1. Ordinance No. 54, Series of 2014 – State of Colorado Department of Public Health and Environment (CDPHE) Grant". A grant for 3 Cardiac Monitor and Defibrillators (AED's) ends on June 30, 2015.

*Englewood will report in its financials.*

2. Resolution No. 35, Series of 2014 – Application for a Colorado Department of Public Health and Environment (CDPHE) Grant".

*Grant has been completed. The Department of Parks and Recreation will coordinate with Denver to determine if future grant funding is available.*

3. Ordinance No. 14, Series of 2012 – Application and Acceptance of "Colorado Emergency Medical and Trauma Services (EMTS) Provider Grant" with the State of Colorado.

*Per Paragraph J, if Grantee ceases to provide EMT service, equipment must be given to another EMT provider, or sold at auction ,the City Manager will need written consent is needed from the State of Colorado.*

4. Ordinance No. 45, Series of 2011 –Acceptance of EMTS Provider Grant 2012 Awarded by the State of Colorado. **For the purchase of an ambulance. The ambulance was purchased.**

5. Ordinance No. 51 Series of 2008 – Acceptance of EMTS Provider Grant Awarded by the State of Colorado.

*To purchase a powered Lift Ambulance Cot. This Grant ended June 30, 2009.*

6. Ordinance No. 26 Series of 2010 – Acceptance of “2010 Pandemic Preparedness Grant Contract with Tri-County Health Department “.

*To distribute H1N1 Vaccine. This Grant has terminated.*

7. Resolution No. 83, Series of 2014 –Application for a FEMA assistance to Firefighters Grant (AFG) Award.

*To purchase radios. The radios are being kept for Police use.*

8. Resolution No. 76, Series of 2013 –Application for a FEMA assistance to Firefighters Grant (AFG) Award.

*To purchase radios. The radios are being kept for Police use.*

9. Ordinance No. 3, Series of 2012 – Application and Acceptance of a FEMA Assistance to Firefighters Grant (AFG) 2011 Award.

*Terminated January 7, 2013.*

10. Ordinance No. 4, Series of 2011 – Acceptance of a FEMA U.S. Department of Homeland Security Assistance to Firefighters Grant (AFG) 2009 Award.

*Terminated June 3, 2011.*

Section 3. The following Agreements need to be addressed:

1. WAC Wireless Advanced Communications Radio Equipment Service Agreement – Dated 1/6/2015.

*Retain Agreement, since it is also for maintaining Police Radios.*

2. Scott Health & Safety – a Scott Technologies Company – In-House Repair Center Agreement – dated August 27, 2010

*Allows the Agreement to terminate automatically due to merger. Assignment Agreement is being assigned to Denver with written authorization to be obtained by Denver.*

3. Metropolitan Area Communication Center Authority user agreement 3<sup>rd</sup> November, 2014.  
*The City Manager will send notice terminating the Agreement.*
4. Resolution No. 67, Series of 2010 - Memorandum of Understanding Amateur Radio Emergency Service of Arapahoe County "AREA" – District 22. This MOU shall continue and is addressed in the contract with Denver.
5. Agreement between Englewood Fire Department and Intermedix for ambulance billing and related professional services, January 2011.  
*The City Manager will send notice terminating the Agreement with 6 month written notice.*
6. Physio Control Technical Service Support Agreement 3/10/2011 thru 3/9/16.  
*Keep Agreement as it maintains the AED's at various locations in the City.*
7. Master Equipment Lease/Purchase Agreement (Colorado Version) March 1, 2007.  
*Continue to make payments for 2 more years and pay insurance.  
Pre-pay the remainder of the loan.*
8. Medical Director Agreement December 15, 2014.  
*The City Manager will send notice terminating the agreement.*
9. Education Affiliation Agreement – EMS for Clinical Training at Healthone Facility (Receive) December 10, 2012.  
*The City Manager will send notice terminating the agreement.*
10. Amendment to the Education Affiliation Agreement EMS for Clinical Training at Healthone Facility (Send).  
*The City Manager will send notice terminating the agreement.*

Introduced, read in full, and passed on first reading on the \_\_\_\_\_ day of \_\_\_\_\_, 2015.

Published by Title as a Bill for an Ordinance in the City's official newspaper on the \_\_\_\_\_ day of \_\_\_\_\_, 2015.

Published as a Bill for an Ordinance on the City's official website beginning on the \_\_\_\_\_ day of \_\_\_\_\_, 2015 for thirty (30) days.

\_\_\_\_\_  
Randy P. Penn, Mayor

ATTEST:

\_\_\_\_\_  
Loucrishia A. Ellis, City Clerk

I, Loucrishia A. Ellis, City Clerk of the City of Englewood, Colorado, hereby certify that the above and foregoing is a true copy of a Bill for an Ordinance, introduced, read in full, and passed on first reading on the \_\_\_\_\_ day of \_\_\_\_\_, 2015.

\_\_\_\_\_  
Loucrishia A. Ellis

**DRAFT**

BY AUTHORITY

ORDINANCE NO. \_\_\_\_\_  
SERIES OF 2015

COUNCIL BILL NO.  
INTRODUCED BY COUNCIL  
MEMBER \_\_\_\_\_

A BILL FOR

AN ORDINANCE TO REVISE THE ENGLEWOOD MUNICIPAL CODE 2000 TO COORDINATE WITH CITY COUNCIL'S DECISION TO CONTRACT WITH DENVER FOR FIRE AND AMBULANCE SERVICES IN THE CITY OF ENGLEWOOD, COLORADO

WHEREAS, the Englewood Home Rule Charter Section 119 sets forth "Council shall provide, by ordinance, Fire, Police and Health services for the preservation of public property, health, peace and safety, including the prevention of crime, the apprehension of criminals, the protection of property and the rights of persons, the enforcement of laws of the State and the ordinances of the City, and such other functions as Council and the City Manager may prescribe."; and

WHEREAS, the Englewood Municipal Code Title 1-6D-1 sets forth the *General Responsibilities* of the Fire Department; and

WHEREAS, the Englewood Municipal Code Title 1, Chapter 6, Section 2, of the Departmental Organization; and

WHEREAS, the Englewood Municipal Code Title 7-7 provides for *Public Aid, Mutual and Emergency Response*; and

WHEREAS, the Englewood Municipal Code Title 8, Chapter 2E, Section 2, of the *Fire Code*; and

WHEREAS, the Englewood Municipal Code Title 5, Chapter 10, Section 4C, of the *Sanitation and Fire Provisions*.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ENGLEWOOD, COLORADO, THAT:

Section 1. The City Council of the City of Englewood, Colorado hereby authorizes amending Title 1, Chapter 6D, Section 1, entitled *General Responsibilities* of the Englewood Municipal Code 2000, to read as follows:

**1-6D-1: GENERAL RESPONSIBILITIES.**

The Fire Department shall oversee all fire-related functions including suppression, prevention, administration, rescue and ambulance services, enforcement of regulatory provisions, formulate and control a hazardous materials community response plan and training. ~~The Fire Department shall also oversee all functions of the Building and Safety Division.~~

Section 2. The City Council of the City of Englewood, Colorado hereby authorizes amending Title 1, Chapter 6, Section 2, entitled *Departmental Organization* of the Englewood Municipal Code 2000, to read as follows:

**1-6-2: Departmental Organization:**

- A. The departmental organization of the City shall be divided under the City Manager into the following departments:

Community Development

Finance and Administration Services

Fire Department

Human Resources

Information Technology

Library Services

Parks and Recreation

Police Department

Public Works

Utilities

- B. Reference to a department director in this Code by any title other than set forth in this Section shall be construed to refer to the department director as set forth herein.
- C. The City Manager may, on a temporary basis, reassign duties and responsibilities to departments in the best interests of the City.

Section 3. The City Council of the City of Englewood, Colorado hereby authorizes amending Title 7, Chapter 7, Section 1, entitled *Public Aid, Mutual Aid and Emergency Response* of the Englewood Municipal Code 2000, to read as follows:

**7-7: PUBLIC AID, MUTUAL AID AND EMERGENCY RESPONSE.**

**7-7-1: Duty of Citizens to Aid.**

It shall be the duty of all persons, when called upon by any police officer, to promptly aid and assist such police officer in the discharge of his duties, and any person who shall fail to render such aid and assistance shall be guilty of a violation of this Code.

**7-7-2: Destruction of Property.**

When a fire is in progress, the City Manager, or in his absence the highest ranking paid officer of any Fire Department in attendance, may order any building or buildings, fences or other

structures that are in close proximity to such fire to be torn down, blown up or otherwise disposed of, if he deems it necessary for the purpose of controlling the progress or preventing the spread of such fire.

**7-7-3: Mutual Aid and Automatic Aid Agreements.**

The City Council may enter into agreements with other cities, towns, fire protection districts, corporations, or incorporated areas, relating to the mutual and/or automatic exchange of assistance in fighting fires, but the City shall not answer any call which is outside of the City boundary unless such fire is one which is covered by such an agreement for mutual and/or automatic assistance.

**7-7-4: Emergency Response Authority.**

- A. The Emergency Response Authority for the City shall be the City Manager or designee who shall exercise continuing supervisory authority for the cleanup and removal of the hazardous substance involved in a hazardous substance incident.
- B. The City is hereby authorized to claim reimbursement from the parties or person responsible for a hazardous substance incident for the reasonable and documented costs resulting from action taken to remove, contain, or otherwise mitigate the effects of such incident not including costs necessary to extinguish a fire.

**7-7-5: Establishment of Motor Vehicle Routes.**

For vehicles transporting explosives, blasting agents, hazardous chemicals or other dangerous articles, the routes for vehicles transporting explosives, blasting agents, dangerous chemicals or other dangerous articles are hereby established as follows:

Santa Fe Drive

U.S. Highway 285, exclusively between the hours commencing at 10:00 P.M. and ending at 6:00 A.M.

All operators of vehicles transporting explosives, blasting agents, hazardous/dangerous chemicals or other hazardous/dangerous articles on a route other than as set forth in this Section shall have documentation in their possession showing the point of origin and destination of the vehicle and its contents in sufficient detail to justify the use of a route other than as set forth in this Section. It is a violation of this Section to fail to produce such documentation to an officer of Englewood and it shall also be a violation to be on a route other than as set forth herein without said documentation.

**7-7-6: Establishment of Fire Lanes.**

- A. Fire lanes shall be established on private property devoted to public use where the parking of motor vehicles or other obstructions may interfere with the ingress and egress of fire vehicles for the protection of persons and property, such as, but not limited to, shopping centers, bowling establishments, theaters, hospitals, schools, churches and other similar location where firefighting apparatus and equipment cannot be used effectively from public access ways.

- B. The City Manager or designee shall establish said fire lanes on premises heretofore set out by filing a plat of said private premises in the City, specifically designating thereon the width and route of such fire lanes as shall be essential for the necessary ingress, egress and movement of fire equipment and apparatus within and upon said private premises.
- C. Upon filing the approval plat designating the necessary fire lanes and widths thereon with the City, as provided herein, the City Manager or designee shall forthwith deliver a copy of the same to the owner, operator, tenant or lessee in possession of said private property with written notice, and order to proceed to make and post said fire lanes in conformance with the Manual and Specifications of the State Department of Highways. Within forty-five (45) days after notice, or such additional time as not to exceed forty-five (45) additional days, the owner, operator, tenant or lessee in possession shall complete the necessary marking and signing as required herein.
- D. Failure of the owner, operator, tenant or lessee in possession to comply with the requirement as set out in subsection C hereof shall be considered to be a violation of this Code and may subject the owner, operator, tenant or lessee in possession to the penalties prescribed in the Englewood Municipal Code.
- E. The owner, operator, tenant or lessee in possession may appeal the order of the City Manager as provided in this Article.
- F. Appeals. When it is claimed that the provisions of this Article do not apply in the manner in which the City Manager determines, or when it is claimed that the true intent and meaning of this Article have been misconstrued or wrongly interpreted by the City Manager, any owner of property aggrieved thereby may appeal from the decision of the City Manager or designee to the Englewood Board of Adjustment and Appeals within thirty (30) days from the date of the decision appealed, which Board shall review the decision of the City Manager and render a final and binding decision thereupon. In considering such appeals, the Englewood Board of Adjustment and Appeals shall have the powers granted to the City Manager by this Article.

**7-7-7: Emergency Medical Transport Fees.**

- A. A fee shall be charged for any person transported by the Englewood Fire Division. The fee established shall be the usual and customary charge for such service in this community.
- B. "Transport" shall mean the actual physical transport from one place in or near the City to another place by the use of transport equipment of the City of Englewood.
- C. The City Manager shall cause to have promulgated in writing reasonable billing and collection procedures.
- D. ~~An ambulance billing review panel, consisting of members of the community and City staff, shall be established by the City Manager to hear appeals and protests, and to make adjustments to transport fee billings when deemed reasonable and appropriate. Unless otherwise determined, failure to pay the fee established shall constitute a violation of this Section.~~
- E. ~~The effective date for implementation of this Section will be January 1, 1995.~~

**7-7-8: Vehicle Identification Fees.**

- A. A fee shall be charged by the City for the service of conducting certified and noncertified inspections of vehicle identification numbers. The fee shall be set by Council resolution.
- B. The Police Department shall establish a policy for checking vehicle identification numbers.

Section 4. The City Council of the City of Englewood, Colorado hereby authorizes amending Title 8, Chapter 2E, Section 2, entitled *Fire Code* of the Englewood Municipal Code 2000, to read as follows:

**8-2E-1: Code Adopted.**

There is hereby adopted, by reference thereto, the International Fire Code 2012 Edition, in its entirety including errata updates, published as part of the Code, by the International Code Council, Inc., 4051 West Flossmoor Road, Country Club Hills, Illinois 60478-5795, subject to the exceptions, modifications and amendments set forth in Section 8-2E-2 of this Article. The City Clerk shall maintain a copy of the Code and errata updates which will be available for inspection during regular business hours.

**8-2E-2: Specific Modifications to Adopted Code.**

The following specific changes, modifications and amendments are hereby made in the provisions of the International Fire Code 2012, hereinabove adopted:

**A. CHAPTER 1 - ADMINISTRATION.**

- 1. **101.1 Title.** (Amended to read as follows)  
These regulations shall be known as the Fire Code of the City of Englewood, hereinafter referred to as "this Code".
- 2. **Section 102. Applicability.** (Amended by the addition of a new subsection to read as follows)

~~102.13~~ **102.5 Application of Residential Code.**

Where structures are designed and constructed in accordance with the International Residential Code, the provisions of this Code shall apply as follows:

- a. Construction and design provisions: Provisions of this Fire Code pertaining to the exterior of the structure shall apply; including, but not limited to, premises identification, fire apparatus access, and water supplies. Construction permits **required by Section 105.7 of this Code shall apply** for systems and equipment utilized in the interior or exterior of the structure shall also apply.
- b. Administrative, operational and maintenance provisions: All such provisions of this Code shall apply.

References in this Fire Code to Group R-3 or U occupancies or one-family and two-family dwellings and townhouses shall apply to structures under the scope of the International Residential Code except as limited by this Section.

3. **103.3 Assistant Deputy Fire Marshals.** *(Amend to read as follows)*

In accordance with the prescribed procedures of this jurisdiction and with the concurrence of the appointing authority, the ~~fire code official~~ City Manager shall have the authority to appoint an ~~assistant fire code official~~ deputy fire marshals, other related technical officers, inspectors and other employees.

4. **104.6 Official Records.** *(Amended to read as follows)*

The ~~fire code official~~ Fire Marshal shall keep official records as required by Sections 104.6.1 through 104.6.4. Such official records shall be retained for as long as the structure or activity to which such records relate remains in existence, unless otherwise provided by other regulations.

5. **104.10 Fire Investigations.** *(Amended to read as follows)*

**Denver Fire shall perform all cause and origin investigations in Englewood, consistent with its investigative practices and procedures within Denver. Englewood Police will facilitate any discussions necessary with officials from Arapahoe County and the 18<sup>th</sup> Judicial District, and with the department of Human Services and the Juvenile Court system to allow Denver to do arson investigations involving or resulting from the commission of a criminal act in Englewood during the period of this Agreement. Denver Fire will work in conjunction with Englewood Police in all investigations that are suspected to be criminal in nature. Englewood Police will be responsible for all criminal processes resulting from Denver Fire investigation activities, and will assist Denver Fire in its investigative activities as may be requested by Denver Fire.**

6. **105.1 General. The Fire Marshal shall implement, administrator and enforce the provisions of this Code.**

5 7. **105.6 Required Operational Permits.** ~~(Delete Subsections 105.6.1 through 105.6.13; 105.6.15; 105.6.17; 105.6.18; 105.6.20 through 105.6.25; 105.6.27 through 105.6.29; 105.6.31 through 105.6.35; 105.6.37 through 105.6.42; and 105.6.44 through 105.6.46).~~  
**The Fire Marshal is authorized to issue operational permits as set forth in Section 105.6.1 through 105.6.46.**

**6 8. Section 108 Board of Appeals.** (Delete in its entirety and substitute the following)  
Section 8-1-7 of the Englewood Municipal Code shall control the requirements of this Section.

**7 9. Section 109 Violations.**

**A. 109.4 Violation Penalties.** *(Amended to read as follows)*

Persons who shall violate a provision of this Code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the ~~fire code official~~ Fire Marshal, or a permit or certificate used under provisions of this Code, shall be subject to penalties or other action in accordance with 8-1-9 EMC. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

*(Add a new section pertaining to fire code re-inspection fees)*

**109.4.2 Reinspection fees.**

A fee shall be charged for follow-up fire code violations.

The fee structure is as follows:

Primary fire inspection	\$ 0.00
Follow-up fire inspection	0.00
2 <sup>nd</sup> Follow-up inspection	50.00
3 <sup>rd</sup> Follow-up inspection	100.00
4 <sup>th</sup> Follow-up inspection and each inspection thereafter	200.00

**8 10. 111.4 Failure to Comply.** *(Amended to read as follows)*

Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation of unsafe condition, shall be subject to penalties or other action in accordance with 8-1-9 and 8-1-10 of the Englewood Municipal Code.

**11. Section 113 Fees.**

**Section 113.2. Fire Permit Fee Schedule shall be adopted by City Council Resolution.**

**B. CHAPTER 5. FIRE SERVICE FEATURES.**

1. **503.2.1 Dimensions.** *(Amended to read as follows)*

Fire Apparatus access roads shall have an unobstructed width of not less than 26 feet (1725 mm), exclusive of shoulders, except for approved security gates in accordance with Section 503.6, and an unobstructed vertical clearance of not less than 13 feet 6 inches (4115 mm).

2. **506.1 Where Required.** *(Amended to read as follows)*

Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or fire-fighting purposes, or where a fire alarm system, or fire suppression system exists, the ~~fire code official~~ Fire Marshal is authorized to require a key box to be installed in an approved location. The key box shall be of an approved type, and shall contain keys to gain necessary access as required by the ~~fire code official~~ Fire Marshal.

**C. CHAPTER 9. FIRE PROTECTION SYSTEMS** *(Amended to read as follows).*

1. **903.2.7 Group M.** An automatic sprinkler system shall be provided throughout buildings containing a Group M occupancy where one of the following conditions exist:

1. A Group M fire area exceeds 12,000 square feet (1115m<sup>2</sup>).
2. A Group M fire area is located more than three stories above grade plane.
3. The combined area of all Group M fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230m<sup>2</sup>).
4. The area of a Group M occupancy used for the display and sale of upholstered furniture or mattresses exceeds 5,000 square feet (464m<sup>2</sup>).

2. **903.2.9 Group S-1.** (Amended to read as follows)

An automatic sprinkler system shall be provided throughout all buildings containing a Group S-1 occupancy where one of the following conditions exists:

1. A Group S-1 fire area exceeds 12,000 square feet (115m<sup>2</sup>).
2. A Group S-1 fire area is located more than three stories above grade plane.
3. The combined area of all Group S-1 fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m<sup>2</sup>).
4. A Group S-1 fire area used for the storage of commercial trucks or buses where the fire area exceeds 5,000 square feet (464m<sup>2</sup>).
5. The area of a Group S-1 occupancy used for the storage of upholstered furniture or mattresses exceeds 2,500 square feet (232m<sup>2</sup>).

D. **CHAPTER 10. MEANS OF EGRESS.**

B. **Section 1009.16 Stairway of Roof.** (Amended to read as follows)

In buildings three or more stories in height above grade plane, one stairway shall extend to the roof surface, unless the roof has a slope steeper than four units vertical in 12 units horizontal (33-percent slope). In buildings without an occupied roof, access to the roof from the top story shall be permitted to be by an alternating tread device.

E. **CHAPTER 56. EXPLOSIVES AND FIREWORKS.**

1. **5601.1.3 Fireworks.** (Amended to read as follows)

The possession, manufacture, storage, sale, handling and use of any ignitable fireworks are prohibited.

Exceptions:

The use of fireworks for fireworks displays as allowed in Section 5608.

2. **5601.2.4 Financial Responsibility.** (Amended to read as follows)

Before a permit is issued, as required by Section 5601.2, the applicant shall file with the jurisdiction a corporate surety bond in the principal sum \$ 2,000,000 or a public liability insurance policy for the same amount, with

excess liability of \$5,000,000 for the purpose of the payment of all damages to persons or property which arise from, or are caused by, the conduct of any act authorized by the permit upon which any judicial judgment results. The ~~fire code official~~ Fire Marshal is authorized to specify a greater or lesser amount when, in his or her opinion, conditions at the location of use indicate a greater or lesser amount is required. Government entities shall be exempt from this bond requirement.

**F. CHAPTER 57. FLAMMABLE AND COMBUSTIBLE LIQUIDS.**

**1. 5704.2.9.6.1 Locations where above-ground tanks are prohibited.**  
*(Amended to read as follows)*

Above-ground tanks shall be located in accordance with this Section.

**APPENDICES. (~~Delete Appendices A through C and E through J~~)** (All Appendices are applicable or amended as follows)

**Appendix D - Fire Apparatus Access Roads, (hereby adopted and amended to read as follows)**

**TABLE D103.4  
 REQUIREMENTS FOR DEAD-END  
 FIRE APPARATUS ACCESS ROADS**

<b>LENGTH</b> (feet)	<b>WIDT H</b> (feet)	<b>TURNAROUNDS REQUIRED</b>
0—150	<u>26</u>	None required
151—500	<u>26</u>	120-foot Hammerhead, 60-foot "Y" or 96-foot diameter cul-de-sac in accordance with Figure D103.1
501—750	<u>26</u>	120-foot Hammerhead, 60-foot "Y" or 96-foot diameter cul-de-sac in accordance with Figure D103.1
Over 750		Special approval required

For SI: 1 foot = 304.8 mm.

Section 5. The City Council of the City of Englewood, Colorado hereby authorizes amending Title 5, Chapter 10, Section 4C, entitled *Special Conditions and Restrictions of the License – Sanitation and Fire Provisions* of the Englewood Municipal Code 2000, to read as follows:

**5-10-4: Special Conditions and Restrictions of the License.**

In addition to the requirements of Chapter 1 of this Title, the following special conditions and restrictions apply:

*C. Sanitation and Fire Provisions:*

1. Water Supply.
  - a. An accessible, adequate and safe supply of safe, potable water shall be provided to every automobile salvage yard and recycling yard.
  - b. All water supply facilities, i.e., pipes, valves, outlets, shall be open to inspection by the Chief Building Official or any other duly authorized person.
  - c. The development of an independent water supply to serve any automobile salvage yard or recycling yard shall be made only after express approval has been granted by the Department of Public Health of the State of Colorado.
2. *Sewage disposal.* All sewage disposal shall be in accordance with this Code and all plumbing in any automobile salvage yard or recycling yard shall comply with the plumbing laws and health regulations of the City, County of Arapahoe, Tri-County District Health Department and State of Colorado.
3. Refuse Disposal.
  - a. The storage, collection and disposal of refuse in or upon any automobile salvage yard or recycling yard shall be so managed as to avoid health hazards, rodent harborage, insect-breeding areas, accident hazards or air or environmental pollution.
  - b. Materials or wastes shall be secured upon the licensed premises in such manner that they cannot be carried off the premises by natural causes or forces.
  - c. All materials or wastes which may cause fumes, dust, or are edible or attractive to rodents or insects shall not be stored outdoors unless placed in closed containers.
4. Fire Protection.
  - i. All areas shall be kept free of litter, rubbish and other flammable materials.
  - ii. Fire extinguishers shall be maintained, the number, kind and location of which shall be approved by the ~~Fire Chief or the~~ Fire Marshal.

Section 6. Safety Clauses. The City Council hereby finds, determines, and declares that this Ordinance is promulgated under the general police power of the City of Englewood, that it is promulgated for the health, safety, and welfare of the public, and that this Ordinance is necessary for the preservation of health and safety and for the protection of public convenience and welfare. The City Council further determines that the Ordinance bears a rational relation to the proper legislative object sought to be obtained.

Section 7. Severability. If any clause, sentence, paragraph, or part of this Ordinance or the application thereof to any person or circumstances shall for any reason be adjudged by a court of competent jurisdiction invalid, such judgment shall not affect, impair or invalidate the remainder of this Ordinance or its application to other persons or circumstances.

Section 8. Inconsistent Ordinances. All other Ordinances or portions thereof inconsistent or conflicting with this Ordinance or any portion hereof are hereby repealed to the extent of such inconsistency or conflict.

Section 9. Effect of repeal or modification. The repeal or modification of any provision of the Code of the City of Englewood by this Ordinance shall not release, extinguish, alter, modify, or change in whole or in part any penalty, forfeiture, or liability, either civil or criminal, which shall have been incurred under such provision, and each provision shall be treated and held as still remaining in force for the purposes of sustaining any and all proper actions, suits, proceedings, and prosecutions for the enforcement of the penalty, forfeiture, or liability, as well as for the purpose of sustaining any judgment, decree, or order which can or may be rendered, entered, or made in such actions, suits, proceedings, or prosecutions.

Section 10. Penalty. The Penalty Provision of Section 1-4-1 EMC shall apply to each and every violation of this Ordinance.

Introduced, read in full, and passed on first reading on the \_\_\_\_ day of \_\_\_\_\_, 2015.

Published by Title as a Bill for an Ordinance in the City's official newspaper on the \_\_\_\_ day of \_\_\_\_\_, 2015.

Published as a Bill for an Ordinance on the City's official website beginning on the \_\_\_\_ day of \_\_\_\_\_, 2015 for thirty (30) days.

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Randy P. Penn, Mayor

ATTEST:

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Loucrishia A. Ellis, City Clerk

I, Loucrishia A. Ellis, City Clerk of the City of Englewood, Colorado, hereby certify that the above and foregoing is a true copy of a Bill for an Ordinance, introduced, read in full, and passed on first reading on the \_\_\_\_\_ day of \_\_\_\_\_, 2015.

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Loucrishia A. Ellis

**DRAFT**

3-31-15

**INTERGOVERNMENTAL AGREEMENT TO  
PROVIDE FIRE PROTECTION**

**THIS AGREEMENT** (“Agreement”) is made and entered by and between **THE CITY OF ENGLEWOOD**, A Colorado home rule municipality located in Arapahoe County, Colorado (hereinafter “**Englewood**”) and the **CITY AND COUNTY OF DENVER**, a Colorado home rule municipality (hereinafter “**Denver**”).

**RECITALS:**

**WHEREAS**, Glendale, **Englewood** previously equipped and Denver currently equips high quality fire departments, providing comprehensive fire suppression, fire prevention, review and inspection services, emergency medical services, emergency hazardous substances response services, and other services incidental to the protection of persons and property in their respective communities; and

~~WHEREAS~~, Glendale is entirely surrounded by Denver, and they have a history of working in close harmony on matters of mutual concern; and

~~WHEREAS~~, Glendale and Denver entered into an Intergovernmental Agreement to Provide Fire Protection in December of 2004 (Denver Clerk Filing # 04-1046) (“Original IGA”); and

~~WHEREAS~~, both Glendale and Denver enjoy a significant cost saving for their citizens because Denver assumed primary responsibility for the provision of fire suppression services in Glendale, while at the same time preserved the high level of fire service each city currently enjoys; and

~~WHEREAS~~, said agreement’s original term expires on May 31, 2012 and both Glendale and Denver wish to continue extending the benefits of the Original IGA to both our communities; and

**WHEREAS**, intergovernmental agreements to provide functions or services, including the sharing of costs of such services or functions, are specifically authorized by section 29-1-203, C.R.S.; and

**WHEREAS**, the Englewood Home Rule Charter requires “Council shall provide, by ordinance, Fire, Police and Health services for the preservation of public property, health, peace, and safety, including the prevention of crimes, the apprehension of criminals, and protection of property and the rights of persons, the enforcement of laws of the State and the ordinances of the City, and such other functions as Council and the City Manager may prescribe”; and

**WHEREAS**, the Englewood Fire/Rescue Department is comprised of roughly 53 highly motivated, dedicated and committed staff that provide 24-hour emergency medical and fire protection throughout our community; and

**WHEREAS**, there are currently three shifts that cover the three fire stations with a minimum staffing level of 14 firefighters/EMT’s per shift including at least two certified firefighters/paramedics; and

**WHEREAS, the Department has an engine/pumper and an ambulance at the Jefferson Station; a rescue at the Tejon Station; and an Engine/Squirt (65' aerial ladder) and an ambulance at the Acoma Station; and**

**WHEREAS, the City of Englewood also has a hazardous material response HAMER unit assigned to the Tejon Station; and**

**WHEREAS, each piece of apparatus would have four person staffing as opposed to three with Englewood Fire/Rescue; and**

**WHEREAS, the City Council has determined that it is too expensive to maintain a stand alone fire department; and**

**WHEREAS, the City Council has determined that increasing property taxes to support a stand alone fire department is not a viable long term solution; and**

**WHEREAS, a contract with Denver Fire would eliminate the immediate need for a property tax increase for public safety; and**

**WHEREAS, Englewood has received proposals from Denver, South Metro, and Littleton Fire departments to provide contract fire departments services; and**

**WHEREAS, the City Council had determined that Denver's proposal is the most advantageous option; and**

**WHEREAS, Colorado encourages intergovernmental agreements for the provision of services and such agreements are permitted under the Englewood Home Rule Charter; and**

**WHEREAS, Denver will occupy utilize, and maintain two of Englewood's fire stations, the Jefferson station and the Acoma station; and**

**WHEREAS, Denver Fire would not require the immediate replacement of these stations; however, the City would propose to take the portion of contract savings and make improvements to the stations as it pertains to the health of the employees and the functionality of the buildings; and**

**WHEREAS, the Tejon station's area is covered by other Denver Stations; and**

**WHEREAS, Englewood will close the Tejon Fire Station; and**

**WHEREAS, Denver travel time for fire calls shall be 4 minutes or less; and**

**WHEREAS, the City of Denver has proposed a single contract wherein they would provide fire service and then subcontract with Denver Health for ambulance service; and**

**WHEREAS, Denver Fire shall contract with Denver Health to provide two (2) ambulances housed in Englewood fire stations; and**

**WHEREAS, Denver's travel time for ambulance calls shall be 4 minutes or less; and**

**WHEREAS, Denver shall bill for ambulance transport; and**

**WHEREAS, Denver Health has agreed to transport all emergency trauma patients to Swedish Hospital and abide by patient request for other facilities such as Porter Hospital when conditions allow; and**

**WHEREAS, Englewood firefighters shall be allowed to qualify for firefighter positions under the Denver employment system which would qualify for the Colorado Fire and Police Pension Association (FPPA) pension system; and**

**WHEREAS, Englewood shall maintain its own Fire Marshal and inspection services using a Fire Code adopted by the Englewood City Council; and**

**WHEREAS, Denver Fire has an ISO2 rating which will benefit our property owners for the cities of Glendale and Sheridan; and**

**WHEREAS, Denver Fire has proven to be a reliable, economic, and functional alternative for the cities of Glendale and Sheridan; and**

**WHEREAS, local control would not be lost through an intergovernmental agreement with Denver Fire.**

NOW, THEREFORE, in consideration of the foregoing recitals, and the mutual promises and covenants contained herein, it is agreed as follows:

1. **PURPOSE:** The purpose of this Agreement is to set forth the responsibilities of **Englewood** and Denver as regards to the provision of fire suppression service within **Englewood** from the Denver Fire Department. Among other things, this Agreement describes the parties' obligations, with respect to personnel, property, fire and fire related services, and payment. This Agreement is not intended to and does not establish a separate governmental entity for the performance of any function. ~~This Agreement shall supersede and replace the Original IGA, which Englewood and Denver acknowledge and agree has been satisfactorily performed to date.~~

2. **TERM:** This Agreement shall commence on the 1st day of **June, 2015**, and continue thereafter until the 31st day of December 31, **2035**, unless earlier terminated as provided herein.

3. **FIRE SUPPRESSION:** Denver agrees to provide fire suppression services in **Englewood**, and the level of fire suppression service will equal that provided to Denver residents ("Denver Service Level"), and be substantially consistent with the "Chief's Action Plan" attached hereto and incorporated herein as Exhibit A. The Chief's Action Plan may be amended from time to time in Denver's sole discretion so long as it maintains the Denver Service Level.

**[Denver Fire Chief to provide recent copy of Chief's Action Plan]**

- **Exhibit A to include 4 firefighters per truck**
- **Exhibit A to address equipment at each firehouse**
- **Exhibit to address 4 minute response time**

#### **4. FIRE PREVENTION:**

- 4.1 **FIRE PREVENTION SERVICES:** Englewood reserves and will remain responsible for fire prevention services in Englewood, including without limitation the enforcement of Englewood's Building and Fire Codes, periodic fire safety inspections, and issuance of building permits and certificates of occupancy. However, Englewood agrees to cooperate and coordinate with the Denver Fire Department with respect to fire prevention activities, and the Denver Fire Department will be notified and afforded the opportunity to participate in fire prevention activities, as described in Exhibit B attached hereto and incorporated herein. **Denver shall honor all mutual and automatic aid agreements Englewood has in place at the date the agreement is signed.**

**Education and Public Relations. Upon request, Denver will provide for and/or participate in the following types of services in Englewood:**

- a. **Fire Safety and Education**
- b. **Public Relations and Events**
- c. **Juvenile Firesetter Intervention**
- d. **Training Services**
- e. **Emergency Management Planning**

- 4.2 **CODE MODIFICATIONS:** Englewood and Denver wish to make Fire and Building Codes compatible. ~~To that end, Glendale will, pursuant to its normal Code review and modification process, in good faith adopt the 2009 International Fire and Building Codes and shall provide Denver with a copy of the ordinance(s), if so adopted, making such modifications on or before March 31, 2012.~~

**Englewood has adopted the following safety codes which Denver agrees to work under within the boundaries of Englewood: Building Code – International Building Code-2012 Edition; Mechanical Code -International Mechanical Code-2012 Edition; Plumbing Code – International Plumbing Code-2012 Edition; Electrical Code – National Electrical Code-2011 Edition; Fire Code-International Fire Code-2012 Edition; Property Maintenance Code – International Property Maintenance Code-2012 Edition; Residential Code for One and Two Family Dwellings – International Residential Code-2012 Edition; Fuel Gas Code – International Fuel Gas Code-2012 Edition; Residential Code Appendix H – Patio Covers; Appendix M-Home Day Care – R-3 Occupancy – International Residential Code-2012 Edition.**

**The City Council of Englewood shall be responsible for updating the various codes. Englewood shall consult with Denver prior to adopting or amending the Codes.**

- 4.3 **STANDPIPE VALVE THREADING.** ~~Glendale shall, at its cost and as a condition to Denver's obligation to provide fire suppression services in Glendale, change all threading on fire standpipe valve outlets to comply with Denver standards. All 1 ½ inch standpipe hose outlet threading must be changed to the 11 ½ threads per inch to which Denver Fire Department 1 ½ inch hose is threaded.~~

**Fire vehicles housed in the Jefferson and Acoma Stations shall maintain equipment based on current Englewood threading. Fire vehicles at other Denver Stations shall have adaptors on each piece of fire equipment.**

5. **EMERGENCY MEDICAL SERVICES:** ~~Glendale reserves and will remain responsible for emergency medical services in Glendale, including advanced life support and transport to its citizens, and shall retain all equipment and vehicles related thereto. Denver shall provide advanced life support services on a standby basis for major incidents in Glendale. The level of standby support shall be at the same level as that for similar incidents occurring in Denver. Glendale and Denver shall cooperate in insuring any needed coordination of fire and emergency medical services.~~

**[Denver Health to provide ambulance language.]**

- **Need to address two ambulances housed at Englewood fire stations;**
- **Need to address agreement to transport all emergency trauma patients to Swedish**
- **Need to address Englewood vehicles and equipment – Exhibit F**
- **Need to address 4 minute response time**

6. **ARSON AND FIRE INVESTIGATION:** Denver shall perform all cause and origin fire investigations in **Englewood**, consistent with its investigative practices and procedures within Denver. **Englewood Police** will facilitate discussions with officials of ~~from~~ **from** Arapahoe County and the 18th Judicial District, and with **the Department of Humane Services and the Juvenile Court system to allow Denver Fire to do social services agencies and the juvenile court system, as necessary to allow performance by Denver of fire and arson investigations activities involving or resulting from or in the commission of a criminal act in Englewood during the period of this Agreement. Denver Fire will work in conjunction with the Englewood Police in all investigations that are suspected to be criminal in nature. Englewood Police will be responsible for arrests resulting from Denver's Fire investigation activities, and will assist the Denver Fire Department in its investigative activities as may from time to time be requested by Denver. for all criminal processes resulting from Denver Fire investigation activities, and will assist Denver Fire in its investigative activities as may be requested by Denver Fire. Englewood Police and Denver Fire will cooperate in establishing a means of radio communication between the Englewood Police Department and the Denver Fire Department.**

7. **EMERGENCY NOTIFICATION AND DISPATCH SERVICES:** **Englewood** will provide for dispatch services for all emergency 9-1-1 calls. Fire-related calls will be immediately dispatched to the Denver Fire Department dispatchers by **Englewood** dispatchers, through a "Tandem Transfer" of the Automatic Number Identification and Automatic Location Identification received by the **Englewood** dispatcher(s). **Englewood**, in conjunction with its 911 service providers, will make any changes to its communications system necessary to expedite the transfer of "E911" information to the Denver Fire Department dispatchers, thereby minimizing any delay to the citizens.

8. **FIRE STATION FACILITY:** ~~Glendale shall continue to lease to Denver, January 1, 2012 and terminating December 31, 2017, that portion of its building at 999 South Clermont depicted in Exhibit C (the "Fire Station Facility") for the sum of \$1.00, pursuant to a Lease Agreement~~ **Englewood shall lease to Denver the Jefferson and Acoma Stations in substantially the form set forth in Exhibit D hereto.**

**9. PAYMENTS BY ENGLEWOOD:** For the term of this Agreement, **Englewood** shall pay Denver the following amounts per month based on their corresponding year, to be paid by the **tenth (10<sup>th</sup>)** day of each month, beginning with **June 2015** and ending **December 2035**, subject to annual appropriations:

<b>Starting Year/Month</b>	<b>Ending Year/Month</b>	<b>Monthly Amount</b>	<b>Annualized</b>
2015 June	2015 December	\$395,833.33	\$2,375,000
2016 January	2016 December	\$395,833.33	\$4,750,000
2017 January	2017 December	\$399,792	\$4,797,504
2018 January	2018 December	\$403,790	\$4,845,480
2019 January	2019 December	\$407,828	\$4,893,936
2020 January	2020 December	\$411,906	\$4,942,872
2021 January	2021 December	\$416,025	\$4,992,300
2022 January	2022 December	\$420,186	\$5,042,232
2023 January	2023 December	\$424,387	\$5,092,644
2024 January	2024 December	\$428,632	\$5,143,584
2025 January	2025 December	\$432,918	\$5,195,016
2026 January	2026 December	\$437,247	\$5,246,964
2027 January	2027 December	\$441,622	\$5,299,464
2028 January	2028 December	\$446,038	\$5,352,456
2029 January	2029 December	\$450,498	\$5,405,976
2030 January	2030 December	\$455,003	\$5,460,036
2031 January	2031 December	\$459,553	\$5,514,636
2032 January	2032 December	\$464,149	\$5,569,788
2033 January	2033 December	\$468,790	\$5,625,480
2034 January	2034 December	\$473,478	\$5,681,736
2035 January	2035 December	\$478,213	\$5,738,556

**(1% Increase beginning in 2017, monthly amount rounded to the nearest dollar)**

If payment is not received by the **fifteenth (15<sup>th</sup>)** day of the month, interest shall accrue on the unpaid portion at a rate of 12% per annum.

10. Training and Community Events.

The Englewood Fire Department has a long tradition of servicing the community. Denver wishes to acknowledge and continue participating in such traditions such as Funfest, the 4<sup>th</sup> of July, firing the boot of MDA, the holiday parade, etc.

The City of Englewood will extend a corporate rate to Denver firefighters at the Englewood Recreation Center.

When available, Englewood will make the pool at the Recreation Center or Pirates Cove Aquatic Park available for rescue or underwater training purposes.

11. Coordination with Englewood Police:

- Denver Fire will assist with traffic control on accident scenes (Exhibit H).
- Denver Fire will provide a ladder truck, when available for such things as roof access or aerial crime scene photographs.
- When available Denver Health will come to the Englewood Police Department jail to perform blood draws.
- Denver Health will establish a protocol in regard to Active Shooter scenarios.

12. JOINT ADVISORY BOARD/DISPUTE RESOLUTION: The parties shall establish a joint advisory board for the purpose of serving as an advisor and liaison to **Englewood** and Denver. The joint advisory board shall consist of four members. Two of the members shall be appointed by **Englewood** and two of the members shall be appointed by Denver. The joint advisory board shall create an environment that encourages cooperation between **Englewood** and Denver in providing fire services, and shall provide input and recommendations on policies and procedures to **Englewood** and Denver. In addition, the members shall act as a liaison to their respective city administrations and governing bodies. The joint advisory board shall meet on an annual basis. Neither **Englewood** nor Denver may initiate litigation to resolve any dispute arising hereunder without first attempting to resolve the dispute by referring it to the joint advisory board.

13. LIABILITY: Each party to this Agreement shall be an independent contractor, and neither party or such party's agents, officers and employees shall be deemed to be an agent of the other party. Each party waives all claims and causes of action against the other party for compensation, damages, personal injury or death which may result or occur as a consequence, direct or indirect, of the performance of this Agreement. **Englewood** and Denver are each responsible for their own negligence and that of their agents, officers and employees to the extent provided in the Governmental Immunity Act, C.R.S. §24-10-101 et. seq. Nothing in this Agreement shall be construed as a waiver of immunity provided by common law or by statute, specifically the Colorado Governmental Immunity Act, or as an assumption of any duty for the benefit of any third party.

**14. NO PERSONNEL MODIFICATION:** Nothing contained in this Agreement, and no performance under this Agreement by personnel of the parties hereto shall in any respect alter or modify the status of officers, agents, or employees of the respective parties for purposes of workers' compensation or their benefits or entitlements, pensions levels or types of training, internal discipline certification, or rank procedures, methods, or categories, or for any purpose, or condition or requirement of employment.

**Englewood Responsibilities**

This Agreement will result in the separation of all Englewood firefighters from employment with the City of Englewood. The exception being the Fire Marshal who will be retained to perform fire prevention services as outlined in Section 4 of this Agreement. These positions shall be retained by the City of Englewood with the understanding that such services will still qualify for a Fire and Police Pension Association (FPPA) pension. Englewood firefighters shall be allowed to qualify for firefighter positions under the Denver employment system. If qualified and employed by Denver, such employment would also allow firefighters to continue service credits toward their current pension administered by the FPPA.

Due to Denver's lateral hiring provisions, Englewood firefighters transferring to Denver may experience a reduction in base salary. Englewood shall provide differential pay up to a maximum of \$20,000.00 per year as detailed in the schedule below and schedule provided to Denver Fire.

The City of Englewood shall pay the differential for Englewood firefighters employed by Denver on the dates indicated by the schedule below. The actual payment of the differential shall be subject to Denver Fire's payroll schedule.

The annual base wage shall not include overtime, acting, fire investigator and merit pay. Upon separation from the City of Englewood, all annual leave, eligible "old" sick bank (paid at one hour for each two hours of sick time accrued), accrued unused holiday leave, compensatory time (up to 240 hours), and accrued unused personal leave (maximum earned is 55.76 hours) shall be paid. Such payouts shall not be included in the differential payment amount for 2015. Englewood firefighter's final pay will be by a paper check not by direct deposit.

The City of Englewood will provide Denver with a schedule indicating the maximum differential that could be paid to each firefighter depending on continuous employment with Denver Fire. A summary of the differential by Englewood Fire Department Grade is indicated by the table below:

EPD Grade	\$10K Max 12/31/2015	\$10K Max 6/30/2016	\$10K Max 12/31/2016	\$10K Max 6/30/2017	\$10K Max 12/31/2017	\$10K Max 5/31/2018	Total Differential
DOE.0001	\$ 3,768.35	\$ 1,908.66	\$ 1,908.66	\$ 541.05	\$ 541.05	\$ -	\$ 8,667.76
DOEP.0001	\$ 6,159.02	\$ 3,957.81	\$ 3,957.81	\$ 2,590.20	\$ 2,590.20	\$ 978.95	\$ 20,233.98
FFP.0000	\$ 2,896.23	\$ 1,623.60	\$ 1,623.60	\$ 734.66	\$ 734.66	\$ -	\$ 7,612.77
FFR II.0002	\$ 4,279.16	\$ 2,610.77	\$ 2,610.77	\$ 1,516.69	\$ 1,516.69	\$ 320.26	\$ 12,854.35
FLT.0001	\$ 8,549.70	\$ 6,006.96	\$ 6,006.96	\$ 4,639.35	\$ 4,639.35	\$ 2,686.57	\$ 32,528.88
FMD II.0002	\$ 1,397.43	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,397.43
MSC.0222	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 7,443.97	\$ 57,443.97
<b>Totals</b>	<b>\$ 259,391.91</b>	<b>\$ 178,980.72</b>	<b>\$ 178,980.72</b>	<b>\$ 127,804.27</b>	<b>\$ 127,804.27</b>	<b>\$ 66,317.86</b>	<b>\$ 939,279.74</b>

**Differential pay is allowed for Englewood firefighters employed by Denver Fire on June 1, 2015 only. Englewood firefighters who are hired by Denver Fire after June 1, 2015 will not be eligible for differential pay. The City of Englewood will not provide a differential for periods of time when firefighters are in a leave no pay status or on unpaid leave under the Family and Medical Leave Act (FMLA).**

**Englewood firefighters participating in a Deferred Retirement Option Program (DROP) on May 31, 2015, shall not receive a pay differential regardless of their annual pay rate with the City of Englewood. Englewood firefighters in a DROP program must affirm their status to the City of Englewood's Retirement Administrator by May 18, 2015.**

**The maximum differential per firefighter shall not exceed \$20,000.00 in any year; the differential will be paid semiannually based on the firefighter being employed by Denver for the entire preceding period. Differential payments to the firefighters will be determined the Denver payroll processes.**

**No differential payments shall be made for Englewood firefighters employed by Denver Fire after May 31, 2018.**

**Englewood shall maintain personnel files in accordance with its retention schedule. Firefighters may have access to their own personnel file in accordance with Englewood administrative policies while such files exist.**

**Englewood's retiree health insurance stipend will only apply to firefighters retired prior to May 31, 2015. Firefighters who have entered the DROP program prior to May 17, 2015 are considered retired and eligible for Englewood's health insurance stipend upon separation from service.**

**The City of Englewood provides a supplemental disability payment for firefighters incurring an occupational or total disability while employed with the City of Englewood. Only firefighters currently receiving a benefit or in the process of receiving a disability for an injury or illness while serving with Englewood Fire Department prior to May 31, 2015 shall be eligible. Any claim for a disability must have been submitted to the Fire and Police Pension Association on or before May 31, 2015 to be considered for the supplemental disability benefit.**

**The City of Englewood shall continue to fund and administer the Volunteer Firefighter Pension Fund.**

**The City of Englewood shall continue to fund and administer the provisions of the Old Hire Firefighter Pension Fund.**

### **Denver Responsibilities**

**The City of Englewood shall provide Denver with a lump sum payment for the total amounts paid as differential pay within 30 days of the confirmation of the Englewood firefighter's employment status with Denver. Denver shall verify and provide the City of Englewood with a certified list the employees working as full time firefighters with Denver Fire.**

**Firefighters shall be considered Denver employees not Intergovernmental Agreement (IGA) employees. Denver shall make the differential payment to their employee as base pay and shall include Englewood's differential in the employee's W-2. For pension purposes, the City of Denver shall inform the Fire and Police Pension Association that differential payments are pensionable wages.**

**The maximum lump sum differential payment for all Englewood firefighters working as full-time firefighters for Denver Fire shall not exceed \$400,000.00 in any year.**

**Denver shall begin health and dental insurance for qualifying firefighters on June 1, 2015.**

15. **NOTICES:** Any notice, demand or request pursuant to this Agreement shall be mailed or faxed to the parties at the following addresses or to such other or additional notice recipients as either party may reasonably designate:

To Denver:

Fire Department  
City and County of Denver  
745 West Colfax Avenue  
Denver, CO 80204  
Attention: Deputy Chief  
(720) 913-3438  
(720) 913-3587 (FAX) (Attn: Operations)

With a copy to:

Denver City Attorney's Office  
201 W. Colfax Ave., Dep't. 1207  
Denver, CO 80202  
720 913 3180 (FAX)(Attn: Municipal Operations)

To Englewood:

City of Englewood  
1000 Englewood Parkway  
Englewood, CO 80110  
Attention: City Manager  
(303) 762-2311  
(303)762-2408 (FAX)

With a copy to:

City Attorney  
City of Englewood  
1000 Englewood Parkway  
Englewood, CO 80110

16. **TERMINATION:** Either party may terminate this Agreement by providing the other party with written notice of terms and conditions which are deemed to be in default by the party served. The party served shall have an opportunity to cure said defaults within a sixty (60) day period of receipt of the notice of default. In the event that the party served has not cured the purported default within the 60-day period, or has not made provisions for the cure of that default, this Agreement shall then terminate. Termination shall not prevent Denver from seeking

recovery, by legal means available, of any amounts due and owing by **Englewood** to Denver under this Agreement at the date of Termination.

17. **APPROPRIATIONS**: The obligations of the parties hereunder, including **and** without limitation the obligation of Denver to provide fire suppression services **and EMS, Dispatch services in Englewood** and of **Englewood** to make certain payments to Denver, shall extend only to monies duly appropriated by each city for the purposes of this Agreement. Neither **Englewood** nor Denver intends by this Agreement to irrevocably pledge present case reserves for payments or services in future fiscal years, and this Agreement is not intended to create a multiple-fiscal year direct or indirect debt or financial obligation of the City of **Englewood** or Denver.

18. **CITIZENS INITIATIVE PETITION**: **Should the voters in Englewood pass legislation requiring a standalone fire department; the term of the agreement will automatically transition to a month to month contract. The monthly payment shall be the annual payment for that year divided by twelve. Said month to month contract shall continue under the same terms until the Englewood City Manager gives notice that Englewood can safely provide fire and ambulance services. Safely providing service shall include the hiring of firefighters, the purchase of fire vehicles and equipment. At that time this contract shall terminate and any outstanding leases, grants and IGA's shall revert back to Englewood.**

19. **WHEN RIGHTS AND REMEDIES NOT WAIVED**: In no event shall any performance by either of the parties hereunder constitute or be construed to be a waiver by such party of any breach of covenant or condition or any default which may then exist on the part of the other party; and no assent, expressed or implied, to any breach of anyone or more covenants, provisions or conditions of this Agreement shall be deemed or taken to be a waiver of any other breach.

20. **EXAMINATION OF RECORDS**: **Englewood** and Denver agree that any duly authorized representative of each city, including in Denver's case the City Auditor or his/her representative, shall, until the expiration of three (3) years after the final termination of this Agreement, have access to and the right to examine any directly pertinent books, documents, papers and records of the other, involving transactions related to this Agreement.

21. **PARAGRAPH HEADINGS**: The captions and headings set forth herein are for convenience of reference only, and shall not be construed so as to define or limit the terms and provisions hereof.

22. **NO THIRD PARTY BENEFICIARY**: It is expressly understood and agreed that enforcement of the terms and conditions of this Agreement, and all rights of action relating to such enforcement, shall be strictly reserved to **Englewood** and Denver, and nothing contained in this Agreement shall give or allow any such claim or right of action by any other or third person or entity on such Agreement. It is the express intention of the parties that any person or entity other than the parties named herein receiving services or benefits under this Agreement shall be deemed to be an incidental beneficiary only.

23. **SEVERABILITY**: It is understood and agreed by the parties hereto that if any part, term, or provision of this Agreement is by the courts held to be illegal or in conflict with any law of the State of Colorado or the United States, the validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular part, term, or provision held to be invalid.

24. **SURVIVAL OF CERTAIN AGREEMENT PROVISIONS:** The parties understand and agree that all terms, conditions and covenants of this Agreement, together with the exhibits and attachments hereto, if any, any or all of which, by reasonable implication, contemplate continued performance or compliance beyond the expiration or termination of this Agreement (by expiration of the term or otherwise), shall survive such expiration or termination and shall continue to be enforceable as provided herein for a period equal to any and all relevant statutes of limitation, plus the time necessary to fully resolve any claims, matters, or actions begun within that period.

25. **AGREEMENT AS COMPLETE INTEGRATION-AMENDMENTS:** This Agreement is intended as the complete integration of all understandings between the parties as to the subject matter of this Agreement, expressly superseding any and all prior agreements pertaining to provision of services by one party within the other party's jurisdiction. No prior or contemporaneous addition, deletion, or other amendment hereto shall have any force or effect whatsoever, unless embodied herein in writing. No subsequent novation, renewal, addition, deletion, or other amendment hereto shall have any force or effect unless embodied in a written amendatory or other Agreement properly executed by the parties. This Agreement and any amendments shall be binding upon the parties, their successors and assigns.

26. **CONFLICT OF INTEREST:** The parties agree that no official, officer or employee of Denver shall have any personal or beneficial interest whatsoever in the services or property described herein and **Englewood** further agrees not to hire or contract for services any official, officer or employee of Denver or any other person which would be in violation of the Denver Revised Municipal Code Chapter 2, Article IV, Code of Ethics, or Denver City Charter Sections 1.2.9 and 1.2.12.

27. **LEGAL AUTHORITY:**

A. The parties assure and guarantee that they possess the legal authority, pursuant to any proper, appropriate and official motion, resolution or action passed or taken, to enter into this Agreement.

B. The person or persons signing and executing this Agreement on behalf of each of the respective parties, does hereby warrant and guarantee that he/she or they have been fully authorized by such party to execute this Agreement on behalf of such party and to validly and legally bind such party to all the terms, performances and provisions herein set forth.

C. Each party shall have the right, at its option, to either temporarily suspend or permanently terminate this Agreement, if there is a dispute as to the legal authority of the other party or any of the persons signing the Agreement on behalf of such party to enter into this Agreement.

28. **ELECTRONIC SIGNATURES AND ELECTRONIC RECORDS:** **Englewood** consents to the use of electronic signatures by Denver. The Agreement, and any other documents requiring a signature hereunder, may be signed electronically by Denver in the manner specified by Denver. The Parties agree not to deny the legal effect or enforceability of the Agreement solely because it is in electronic form or because an electronic record was used in its formation. The Parties agree not to object to the admissibility of the Agreement in the form of an electronic record, or a paper copy of an electronic document, or a paper copy of a document bearing an electronic signature, on the ground that it is an electronic record or electronic signature or that it is not in its original form or is not an original.

**Contract Control Number:** ~~FIRES 201103623-00~~

**Vendor Name:** City of Englewood

IN WITNESS WHEREOF, the parties have set their hands and affixed their seals at Denver, Colorado as of \_\_\_\_\_, 20\_\_.

SEAL

**CITY AND COUNTY OF DENVER**

ATTEST:

By \_\_\_\_\_  
Cary Kennedy, Manager of  
Revenue/Chief Financial Officer

By \_\_\_\_\_  
Debra Johnson, Clerk and Recorder,  
Ex-Officio Clerk of the City and  
County of Denver

APPROVED AS TO FORM:

REGISTERED AND COUNTERSIGNED:

DOUGLAS J. FREIDNASH, Attorney  
For the City and County of Denver

By \_\_\_\_\_  
Cary Kennedy, Manager of  
Revenue/Chief Financial Officer

By \_\_\_\_\_  
Patrick A. Wheeler, Assistant  
City Attorney

By \_\_\_\_\_  
Dennis J. Gallagher, Auditor

**Contract Control Number:** 201103623

**Vendor Name:** City of Englewood

By \_\_\_\_\_

Name: \_\_\_\_\_

Title: **Mayor**

ATTEST:

By \_\_\_\_\_  
**Loucrishia A. Ellis**

Title City Clerk

**Contract Control Number:** ~~201103623~~

**Vendor Name:** City of **Englewood**

IN WITNESS WHEREOF, the parties have set their hands and affixed their seals at Denver, Colorado as of

SEAL

**CITY AND COUNTY OF DENVER**

ATTEST:

\_\_\_\_\_ By \_\_\_\_\_

APPROVED AS TO FORM:

REGISTERED AND COUNTERSIGNED:

DOUGLAS J. FRIEDNASH, Attorney  
For the City and County of Denver

By \_\_\_\_\_

By \_\_\_\_\_

By \_\_\_\_\_

By \_\_\_\_\_

**EXHIBIT A**

**DENVER FIRE DEPARTMENT  
OPERATIONS DIVISION  
FIELD OPERATION GUIDELINE**

**Topic No: 228.02**

**Date: 09/03/2004**

**Section: RESPONSE ASSIGNMENT POLICY  
Topic: Order of Response**

**[The Tables for Exhibit A did not transfer over (6 Pages)  
Fire Chief we will need to insert COE's Exhibit A]**

## **EXHIBIT A ADDITIONAL TERMS**

- **Exhibit A to include 4 firefighters per truck**
- **Exhibit A to address equipment at each firehouse**
- **Exhibit to address 4 minute travel time**

## EXHIBIT B

### Plan Review

It is critical to occupant and firefighter safety that the Denver Fire Department participates in the review of building plans and specifications. This review provides the Fire Department with its best opportunity to see that fire protection standards **adopted by Englewood** are met prior to the completion of construction and occupancy of the building. **Englewood shall maintain final authority to issue site plan approvals, building permits and temporary and final certificates of occupancy, with Denver Fire Department's role being advisory to Englewood.**

Therefore, our agreement will be:

- **Pre-construction Conferences.** Denver Fire Department Engineering unit personnel will be notified and afforded the opportunity to participate in pre-construction conferences along with the City of **Englewood's** Fire Marshal and other **Englewood** officials, to answer questions relating to fire protection features in the planned building or fire code requirements, or to discuss comments provided during the plans review process. All comments by Denver's **Fire Department's** engineering section will be coordinated with **Englewood's** Fire Marshal.
- **Site Plan Review.** Denver Fire Department Engineering unit personnel will be notified and afforded the opportunity to participate in project site plan reviews along with **Englewood's** Fire Marshal. Denver Fire Department Engineering will provide a checklist of items specific to Denver operations. **The checklist will be developed jointly by Denver Fire Department Engineering and the Englewood Fire Marshal and shall conform to the standards and requirements adopted by Englewood.**
- ~~**Preliminary Plan Review.** Denver Fire Department engineering personnel will be notified and afforded the opportunity to participate in review of project preliminary plans along with **Englewood's** Fire Marshal. This information will be shared with the fire companies that are expected to respond in the event of an emergency.~~
- **Final Building Plans and Specifications.** Denver Fire Department Engineering unit personnel will be notified and afforded the opportunity to participate in review of project final building plans and specifications along with the City of **Englewood's** Fire Marshal. When the plans agree with the applicable **fire code requirements adopted by Englewood**, the Fire Department and **Englewood's** Fire Marshal will notify **Englewood's** building official that there is no objection to issuance of a building permit. Building construction information will then be provided to the fire companies responsible for suppression and/or fire inspection of the building **after construction**. This information is used by the fire companies in pre-fire planning for fire operations should a fire occur in the building.
- **Certificates of Occupancy.** Personnel from Denver's **Fire Department Prevention and Engineering** units will be notified and afforded the opportunity to participate in the final inspection process, ~~and the final sign-off on the building~~ before the certificate of occupancy is issued. This certificate indicates that all of the requirements under the applicable codes **adopted by Englewood** have been met and that the building is safe and habitable. **If requested** Denver Fire Engineering unit and Prevention unit personnel will

assist the **Englewood** Fire Marshal in testing all life safety systems prior to **issuance of signing** the certificate of occupancy.

- **Consultation.** If requested, Denver's Engineering unit and Fire Prevention unit, along with **Englewood's** Fire Marshal, shall offer consulting services to the community of **Englewood**, including design professionals, contractors and trades craftsmen, as well as property owners, managers, occupants and members of the general public. The consulting services will include: explanation of Fire Code sections and fire-related sections of the Building Code, application of specific standards, and information about the best ways to deal with fire and emergency hazard situations.

### Fire Safety Inspections

- **Commercial Fire Safety Inspections.** Denver Fire Department personnel will be notified and afforded the opportunity to accompany **Englewood** Fire and Building officials in conducting fire safety inspections. (**Englewood** currently inspects commercial properties twice a year. Denver Fire Department personnel will accompany them only on one of these two inspections per year.) All commercial properties will be inspected. Denver Fire Department personnel will not participate in inspections of Individual residential units unless requested by the resident, the building's ownership or building management. Denver Fire Department Engineering will provide a checklist of items specific to Denver operations.
- **Special or Technical Inspections.** Denver Fire Engineering unit and Fire Prevention unit personnel will conduct inspections requiring more technical skill upon request from **Englewood** officials. Engineering and Fire Prevention personnel will also be available, upon request, to assist **Englewood** property owners or managers in the development of emergency procedures and emergency evacuation plans.
- **Nightclubs and Other Assembly Occupancies.** The Denver Fire Department will respond to complaints or reports of overcrowding or other fire-related concerns. If, during a response to a nightclub, Fire Prevention concerns such as overcrowding, blocked exits, etc., are identified, then Denver Fire personnel will contact **Englewood** Police to enforce the code.
- **Files.** Denver Fire Department Fire Prevention and Investigation Division and the **Englewood** Fire Marshal will maintain well-organized, complete and accurate records and files on all actions taken (plan review, consultation, inspections, permits). This information is needed to provide performance measures in accomplishing fire prevention goals and to provide management information for budgetary and administrative purposes. All information records and files will be shared between the Denver Fire Department and **Englewood's** Fire Marshal.

### Permits

- **Fire Safety Permits Program.** Denver Fire Department Engineering and Fire Prevention unit personnel will assist City of **Englewood** officials in developing a Fire Safety Permits Program that will identify and permit potential hazards to responding firefighters, i.e., HAZMAT, hot works, compressed gases, etc., in accordance with the 1997 Uniform Fire Code. Copies of the permits will be provided to the fire companies that are expected to respond to **Englewood** properties.

### **Existing Fire Standpipe Valve Threading**

~~The City of Englewood, through direct cost outlay or through ordinance requiring the property owners to make the modifications, will be responsible for changing all threading on fire standpipe valve outlets to comply with City and County of Denver standards. The City of Englewood specifies national standard threading of Fire Department connections for fire protection systems and fire hydrants. However, if any of these inlets/outlets is other than national standard threading, these shall be the responsibility of the City of Englewood to modify to accept Denver Fire Department hose threads prior to the effective date of Denver providing fire services. All fire hose that has 1½ inch couplings and outlet on fire apparatus must be modified to Denver threading (11½ threads per inch).~~

**The City of Englewood owns 646 fire hydrants. The hydrants are open right, 5 ¼”, three way, 2 hose nozzles and 1 pumper nozzle. The hose nozzles are 2 ½” with national standard thread and the pumper nozzle is 4 ½” with national standard thread.**

**Equipment located in the Jefferson and Acoma Stations shall be maintained to work with this thread. There exists a thread adapter to allow Denver Thread to be connected to Englewood hydrants. Denver Fire shall equip their trucks with these adapters.**

**The Utilities Department inspects and operates all hydrants once a year. The repairs identified during this inspection are completed after all hydrants are inspected. Hydrant maintenance identified by the Fire Department shall be forwarded to the Utilities Department to be completed.**

**Additional hydrants. The Englewood Utilities Department installs the hydrants within one year of request. The Englewood Fire Marshall shall act as liaison to hydrants.**

### **Central Station Monitoring of Protected Properties**

City of **Englewood** officials will identify those properties that are protected by life safety systems and are monitored by a licensed central station agency, and must notify those properties to no longer contact the City of **Englewood’s** Fire Dispatch Center in case of emergency but rather contact the City of Denver Fire Dispatch Center. The central station agencies must comply with City of Denver ordinance regarding response time, number of operators and runner service.

## **EXHIBIT C**

**Jefferson Fire Station  
555 West Jefferson Avenue  
Englewood, Colorado 80110**

**Upgrades are planned for 2016 – Per Exhibit C-I**

**Operations and Maintenance shall be borne by Denver  
(Anticipated \$25,000 per year)**

**IT Infrastructure attached as Exhibit C-II**

**Acoma Fire Station  
4830 South Acoma Street  
Englewood, Colorado 80110**

**Upgrades are planned for 2016 – Per Exhibit C-III**

**Operations and Maintenance shall be borne by Denver  
(Anticipated \$25,000 per year)**

**IT Infrastructure attached as Exhibit C-IV**

### Exhibit C-1

#### Jefferson Fire Station Capital Improvements

Jefferson Fire	2019
Electrical Upgrades	\$15,000
Roof Repair / Replacement	\$15,000
Painting	\$5,000
Garage Door & Opener Replacements	\$25,000
Air Seal (Living Area Door Upgrades)	\$15,000
Kitchen Renovation	\$55,000
Command Bunk/Locker	\$7,000
Command Bathroom Upgrades	\$12,000
Staff Sleeping Room Renovation	\$25,000
Staff Locker Room Renovation	\$70,000
Truck Room AC & Fan Project	\$20,000
Lighting Upgrades	\$15,000

**EXHIBIT C- II**

**JEFFERSON FIRE STATION**  
**IT INFRASTRUCTURE**

## Englewood Fire Department IT Infrastructure

### Jefferson Station

Five CISCO Phones

Two Cordless Analog Phones

POTS Line (Plain Old Telephone System – 4 Wire Copper)

Antenna for Wireless Access

All network gear, i.e., internet access, e-mail systems, routers go through the Englewood Police Department.

In order for Denver to access the internet, they will have to go through the Police Department, or wire the station themselves.



City of Englewood

## Memorandum

To: Eric Keck, City Manager

From: Kenny Hollis, IT

RE: Acoma and Jefferson Stations IT Availability

Date: 03/19/2015

Eric,

The following tables describe the IT capabilities and IT assets deployed at Acoma and Jefferson Stations.

Station	COE Connection	Non-COE Connection	Bandwidth	Hardware Deployed	WAPs (WiFi)	Phones
Jefferson	Tied into COE Network	N/A	N/A COE Tied	See Inventory List	1 – CISCO AP2602i	1 POTS (303)761-1296
Acoma	N/A	3MG QMOE (Quest Metro Optical Ethernet) 24.KXGS.001054 \$375monthly	3MG	See Inventory List	1 – CISCO AP2602i	2 POTS (303)789-3827 (303)806-0889

\*Jefferson also shares power, UPS and backup generator power with COE.

\*\*This list does NOT include DATA. There will need to be a meeting with DFD to transfer data. SANS Fire Data is currently at 114GB.

### Additional Attached Figures:

Figure 1: Network Assets Deployed at Acoma and Jefferson stations. Jefferson station is tied to COE infrastructure and shared with PD and COE backup.

Figure 2: IT Assets Deployed to EFD. Software Assets will need to be removed from any device turned over to Denver.

Figure 3: FD Data Storage



Figure 1: Network Assets

Network Assets Jefferson / Acoma Stations				
Name	Address	S#	Owner	Location
<b>Acoma Station</b>				
Acoma_Swt	FOC1048Y1NH	WS-C3560G-24PS-S	IT	Acoma
Acoma2901	FTX1440835Z	CISCO2901/K9	IT	Acoma
Acoma2901	FOC14380TTP	VIC3-2FXS/DID	IT	Acoma
Acoma2901	FOC14383RUA	VIC2-2FXO	IT	Acoma
Acoma2901	FOC14370PON	PVDM3-16	IT	Acoma
<b>Jefferson Station shared with PD (Not sperated)</b>				
PD_4506	SPE174900AB	WS-C4506-E	IT	Police
PD_4506	CAT1803L313	WS-X45-SUP7-E	IT	Police
PD_4506	ONT174100X0	SFP-10G-LR	IT	Police
PD_4506	ONT174100X1	SFP-10G-LR	IT	Police
PD_4506	FNS173918J1	SFP-10G-LR	IT	Police
PD_4506	AGD1734V19W	SFP-10G-LRM	IT	Police
PD_4506	CAT1749L2EV	WS-X4748-RJ45V+E	IT	Police
PD_4506	CAT1749L2E2	WS-X4748-RJ45V+E	IT	Police
PD_4506	JAE1714039E	WS-X4612-SFP-E	IT	Police
PD_4506	AGA1742R0HZ	GLC-SX-MMD	IT	Police
PD_4506	FNS17391DWM	GLC-LH-SMD	IT	Police
PD_4506	AGA1742R0HD	GLC-SX-MMD	IT	Police
PD_4506	SPE174900HE	WS-X4596-E	IT	Police
PD_4506	AZS17470C4M	PWR-C45-4200ACV	IT	Police
PD_4506	AZS17470C4Y	PWR-C45-4200ACV	IT	Police
SS-2921	FTX1440AKVH	CISCO2921/K9	IT	Police
SS-2921	FOC143942WW	VIC2-4FXO	IT	Police
SS-2921	FOC143925GX	VIC3-4FXS/DID	IT	Police
SS-2921	FOC14392RL1	VIC3-4FXS/DID	IT	Police



SS-2921	FOC14392E50	PVDM3-32	IT	Police
SS-2921	FOC143902AE	SM-NM-ADPTR	IT	Police
SS-2921	FOC14361SWX	EVM-HD-8FXS/DID	IT	Police
ESS_Boiler_Swt	FOC1045Y0ML	WS-C3560G-48PS-S	IT	Police
ESS_Upstairs_Swt	FOC1045Y19A	WS-C3560G-48PS-S	IT	Police
ESS_Upstairs_Swt	AGS1041SCFN	1000BaseSX SFP	IT	Police
ESS_Records_Swt	FOC1045Y0SU	WS-C3560G-48PS-S	IT	Police
PD_South	FDO1737Z069	WS-C3560X-48P-S	IT	Police
PD_South	FDO17360GE3	C3KX-NM-10G	IT	Police
PD_South	LIT173901V0	C3KX-PWR-715WAC	IT	Police
PD_South	FNS17391A38	SFP-10G-LR	IT	Police
ESS_Fox_Swt	FOC1048Y1L0	WS-C3560G-24PS-S	IT	Police
ESS_Fox_Swt	FNS103904DH	1000BaseLX SFP	IT	Police
ESS_EOC_Swt	FOC0927U12V	WS-C3560G-24PS-S	IT	Police
ESS_EOC_Swt	H11QGLA	1000BaseSX SFP	IT	Police
Dispatch_Swt_2	FDO1737P08Z	WS-C3560X-48P-S	IT	Police
Dispatch_Swt_2	LIT173900F6	C3KX-PWR-715WAC	IT	Police
Dispatch_Swt_2	FDO1736015G	C3KX-NM-10G	IT	Police
Dispatch_Swt_2	H11L026	1000BaseLX SFP	IT	Police
Dispatch_Swt_2	TED1732A1AG	SFP-10GBase-CX	IT	Police
Dispatch_Swt_1			IT	Police
Dispatch_Swt_1			IT	Police
Dispatch_Swt_1			IT	Police
Dispatch_Swt_1			IT	Police
Dispatch_Swt_1			IT	Police

Figure 2: IT Assets Deployed to EFD

ENGLEWOOD FIRE DEPARTMENT TECHNOLOGY EQUIPMENT INVENTORY		
ASSET/USER	LOCATION	DESCRIPTION
<b>DESKTOP PC'S AND MONITORS</b>		
Swashington	Admin	pc/monitor
Lherblan	Admin	pc/monitor
Asst Fire Marshal	Bldg Dept	pc/monitor
EMS Coordinator	Admin	pc/monitor
Amarsh	Admin	pc/monitor
Rpetau	Admin	pc/monitor
Afox	Admin	pc/monitor
Jsvejcar	Admin	pc/monitor
Acoma FF	Acoma Station	pc/monitor
Acoma LT	Acoma Station	pc/monitor
Tejon FF	Tejon Station	pc/monitor
Tejon LT	Tejon Station	pc/monitor
Jefferson B/C	Jefferson Station	pc/monitor
Jefferson LT	Jefferson Station	pc/monitor
Jefferson LT2	Jefferson Station	pc/monitor
Jefferson FF	Jefferson Station	pc/monitor
Spare	Admin	pc/monitor
Spare	Admin	pc/monitor
<b>LAPTOPS</b>		
Jsvejcar	Training Academy	Laptop
Scott system	Acoma Station	Laptop
Rpetau	Admin	Laptop



Mertle	Jefferson Station	Laptop
Emergency Mgt1	Admin	Laptop
Emergency Mgt2	Admin	Laptop
<b>CELL PHONES</b>		
Engine 21	Jefferson Station	iPhone
Medic 21	Jefferson Station	iPhone
Asst Fire Marshal	Admin	iPhone
Squrt 23	Tejon Station	iPhone
Medic 23	Tejon Station	iPhone
Amarsh	Admin	iPhone
Mstout	Jefferson Station	iPhone
Wortiz	Jefferson Station	Samsung Galaxy
Swashington	Admin	iPhone
Truck 22	Acoma Station	iPhone
Lsmith	Bldg Dept	iPhone
Lherblan	Admin	iPhone
Pgonzales	Bldg Dept	DuraXT
EMS Bureau Chief	Training Academy	iPhone
Batt 21	Jefferson Station	iPhone
Rfoote	Bldg Dept	DuraXT
Kstovall device	Admin	iPhone
Mertle	Jefferson Station	iPhone
Jhehn	Jefferson Station	iPhone
Gweaver	Jefferson Station	DuraXT
Cdaly	Bldg Dept	DuraXT
Afox	Admin	iPhone
Gcroaston	Bldg Dept	DuraXT
Rpetau	Admin	iPhone
<b>TABLETS</b>		



Squrt 23	Tejon Station	iPad
Lherblan	Admin	iPad
Afox	Admin	iPad
Rpetau	Admin	iPad
Mertle	Jefferson Station	iPad
Asst Fire Marshal	Admin	iPad
Jsvejcar	Training Academy	iPad
Staff	Admin	iPad
Wortiz	Jefferson Station	iPad
Batt chief	Jefferson Station	iPad
Engine 21	Jefferson Station	iPad
Amarsh	Admin	iPad
Engine 22	Acoma Station	iPad
Fire G1	Acoma Station	Panasonic
Fire G1	Acoma Station	Panasonic
Fire G1	Tejon Station	Panasonic
Fire G1	Rpeteau	Panasonic
Fire G1	Jefferson Station	Panasonic
Fire G1	Jefferson Station	Panasonic
Fire G1	Jefferson Station	Panasonic
Fire G1	Jefferson Station	Panasonic
Fire G1	Jefferson Station	Panasonic
Fire G1	Acoma Station	Panasonic
Fire G1	Jefferson Station	Panasonic
Emergency Mgt	Admin	Surface
<b>PRINTERS</b>		
Lherblan	Admin	Laser printer



Asst Fire Marshal	Bldg Department	Dot matrix (can be disposed of)
Fire Admin	Admin	Copier/printer
Fire Admin	Admin	Laser printer
Amarsh	Admin	Laser printer
Jefferson B/C	Jefferson Station	Laser printer
Jefferson LT	Jefferson Station	Laser printer
Jefferson FF	Jefferson Station	Laser printer
Acoma LT	Acoma Station	Laser printer
Tejon LT	Tejon Station	Laser printer
Scott system	Acoma Station	Laser printer
<b>MISC ITEMS</b>		
Lherblan	Admin	42" monitor
Asst Fire Marshal	Bldg Dept	42" monitor
Scott SCBA system	Acoma Station	Scott system



Figure 3: FD Data Storage

Network > san3b > Fire

Name	Date modified	Type	Size
Acoma	3/13/2015 6:30 PM	File folder	
AFox	1/30/2014 6:47 PM	File folder	
AMarsh	3/3/2015 8:25 AM	File folder	
AMcNally	9/30/2014 1:00 PM	File folder	
BCash	1/2/2015 9:22 AM	File folder	
CShaffer	9/30/2014 1:00 PM	File folder	
Group	3/13/2015 1:04 PM	File folder	
Intem	9/24/2012 2:36 PM	File folder	
Jefferson	3/2/2015 9:39 AM	File folder	
Frederick	3/16/2015 2:05 PM	File folder	
Jennings	9/30/2014 1:00 PM	File folder	
JSvejar	3/12/2015 12:02 PM	File folder	
JWeigel	3/16/2015 11:09 AM	File folder	
KShelton	11/26/2014 3:47 PM	File folder	
KStovall	2/2/2015 6:12 AM	File folder	
LHerblan	3/19/2015 4:22 PM	File folder	
LVetos	1/13/2014 7:53 PM	File folder	
MBurley	3/9/2015 9:10 PM	File folder	
MErtle	3/9/2015 9:25 PM	File folder	
MKubly	10/17/2011 12:44 ...	File folder	
MNorconk	9/20/2013 9:18 AM	File folder	
MStout	2/25/2015 6:43 PM	File folder	
RPetau	10/7/2013 2:22 PM	File folder	
SGreen	2/28/2015 7:02 AM	File folder	
Support Services	2/2/2015 9:26 AM	File folder	
SWashington	3/20/2015 10:24 AM	File folder	
Tegon	1/19/2015 10:01 AM	File folder	
TNicholson	2/12/2015 3:43 PM	File folder	
WOrtiz	11/2/2014 11:25 PM	File folder	

CShaffer ... Properties

General Customize

76,029 Files, 7,016 Folders

Type: All of type File folder

Location: All in \\san3b\Fire

Size: 113 GB (122,371,227,224 bytes)

Size on disk: 114 GB (122,530,988,032 bytes)

Attributes:  Read-only  
 Hidden  
 Archive

OK Cancel Apply

**Exhibit C - III**

**ACOMA FIRE STATION CAPITAL IMPROVEMENTS**

Account Title	2018
Flooring	\$13,000
Truck Room AC & Fan Project	\$20,000
Driveway Replacement	\$15,000
Stuyft Replacement	\$7,000
HVAC Inlet for North End Rooms	\$10,000
Garage Door & Opener Replacements	\$10,000
Air Seal (Living Area Door Upgraded)	\$5,000
Roofing Repair / Replacement	\$7,500
Repair Truck Room	\$7,500
Ceiling Tile Replacements	\$7,500
Lighting Upgrades	\$10,000
Kitchen Renovation	\$20,000
Bathroom Renovation	\$20,000
Stuyft Replacement	\$7,000

**EXHIBIT C- IV**

# **ACOMA FIRE STATION**

**IT INFRASTRUCTURE**

## Englewood Fire Department IT Infrastructure

### Acoma Station

Four CISCO Phones

Two Analog Phones – Cordless

CISCO Router for phone system

POTS Line (Plain Old Telephone System – 4 Wire Copper)

Q-Moe Circuit/Switch, Metro Optical Ethernet, Copper Wire, 3 Megabytes (In order to access Denver will have to contact Century Link)



City of Englewood

### Memorandum

To: Eric Keck, City Manager

From: Kenny Hollis, IT

RE: Acoma and Jefferson Stations IT Availability

Date: 03/19/2015

Eric,

The following tables describe the IT capabilities and IT assets deployed at Acoma and Jefferson Stations.

Station	COE Connection	Non-COE Connection	Bandwidth	Hardware Deployed	WAPs (WiFi)	Phones
Jefferson	Tied into COE Network	N/A	N/A COE Tied	See Inventory List	1 – CISCO AP2602i	1 POTS (303)761-1296
Acoma	N/A	3MG QMOE (Quest Metro Optical Ethernet) 24.KXGS.001054 \$375monthly	3MG	See Inventory List	1 – CISCO AP2602i	2 POTS (303)789-3827 (303)806-0889

\*Jefferson also shares power, UPS and backup generator power with COE.

\*\*This list does NOT include DATA. There will need to be a meeting with DFD to transfer data. SANS Fire Data is currently at 114GB.

**Additional Attached Figures:**

Figure 1: Network Assets Deployed at Acoma and Jefferson stations. Jefferson station is tied to COE infrastructure and shared with PD and COE backup.

Figure 2: IT Assets Deployed to EFD. Software Assets will need to be removed from any device turned over to Denver.

Figure 3: FD Data Storage

Figure 1: Network Assets

Network Assets Jefferson / Acoma Stations				
Name	Address	S#	Owner	Location
<b>Acoma Station</b>				
Acoma_Swt	FOC1048Y1NH	WS-C3560G-24PS-S	IT	Acoma
Acoma2901	FTX1440835Z	CISCO2901/K9	IT	Acoma
Acoma2901	FOC14380TTP	VIC3-2FXS/DID	IT	Acoma
Acoma2901	FOC14383RUA	VIC2-2FXO	IT	Acoma
Acoma2901	FOC14370PON	PVDM3-16	IT	Acoma
<b>Jefferson Station shared with PD (Not sperated)</b>				
PD_4506	5PE174900AB	WS-C4506-E	IT	Police
PD_4506	CAT1803L313	WS-X45-SUP7-E	IT	Police
PD_4506	ONT174100X0	SFP-10G-LR	IT	Police
PD_4506	ONT174100X1	SFP-10G-LR	IT	Police
PD_4506	FNS173918J1	SFP-10G-LR	IT	Police
PD_4506	AGD1734V19W	SFP-10G-LRM	IT	Police
PD_4506	CAT1749L2EV	WS-X4748-RJ45V+E	IT	Police
PD_4506	CAT1749L2E2	WS-X4748-RJ45V+E	IT	Police
PD_4506	JAE1714039E	WS-X4612-SFP-E	IT	Police
PD_4506	AGA1742R0HZ	GLC-SX-MMD	IT	Police
PD_4506	FNS17391DWM	GLC-LH-SMD	IT	Police
PD_4506	AGA1742R0HD	GLC-SX-MMD	IT	Police
PD_4506	SPE174900HE	WS-X4596-E	IT	Police
PD_4506	AZS17470C4M	PWR-C45-4200ACV	IT	Police
PD_4506	AZS17470C4Y	PWR-C45-4200ACV	IT	Police
SS-2921	FTX1440AKVH	CISCO2921/K9	IT	Police
SS-2921	FOC143942WW	VIC2-4FXO	IT	Police
SS-2921	FOC143925GX	VIC3-4FXS/DID	IT	Police
SS-2921	FOC14392RL1	VIC3-4FXS/DID	IT	Police

SS-2921	FOC14392E50	PVDM3-32	IT	Police
SS-2921	FOC143902AE	SM-NM-ADPTR	IT	Police
SS-2921	FOC14361SWX	EVM-HD-8FXS/DID	IT	Police
ESS_Boiler_Swt	FOC1045Y0ML	WS-C3560G-48PS-S	IT	Police
ESS_Upstairs_Swt	FOC1045Y19A	WS-C3560G-48PS-S	IT	Police
ESS_Upstairs_Swt	AGS10415CFN	1000BaseSX SFP	IT	Police
ESS_Records_Swt	FOC1045Y0SU	WS-C3560G-48PS-S	IT	Police
PD_South	FDO1737Z069	WS-C3560X-48P-S	IT	Police
PD_South	FDO17360GE3	C3KX-NM-10G	IT	Police
PD_South	LIT173901V0	C3KX-PWR-715WAC	IT	Police
PD_South	FNS17391A38	SFP-10G-LR	IT	Police
ESS_Fox_Swt	FOC1048Y1L0	WS-C3560G-24PS-S	IT	Police
ESS_Fox_Swt	FNS103904DH	1000BaseLX SFP	IT	Police
ESS_EOC_Swt	FOC0927U12V	WS-C3560G-24PS-S	IT	Police
ESS_EOC_Swt	H11QGLA	1000BaseSX SFP	IT	Police
Dispatch_Swt_2	FDO1737P08Z	WS-C3560X-48P-S	IT	Police
Dispatch_Swt_2	LIT173900F6	C3KX-PWR-715WAC	IT	Police
Dispatch_Swt_2	FDO173601SG	C3KX-NM-10G	IT	Police
Dispatch_Swt_2	H11L026	1000BaseLX SFP	IT	Police
Dispatch_Swt_2	TED1732A1AG	SFP-10GBase-CX	IT	Police
Dispatch_Swt_1			IT	Police
Dispatch_Swt_1			IT	Police
Dispatch_Swt_1			IT	Police
Dispatch_Swt_1			IT	Police
Dispatch_Swt_1			IT	Police

Figure 2: IT Assets Deployed to EFD

ENGLEWOOD FIRE DEPARTMENT TECHNOLOGY EQUIPMENT INVENTORY		
ASSET/USER	LOCATION	DESCRIPTION
<b>DESKTOP PC'S AND MONITORS</b>		
Swashington	Admin	pc/monitor
Lherblan	Admin	pc/monitor
Asst Fire Marshal	Bldg Dept	pc/monitor
EMS Coordinator	Admin	pc/monitor
Amarsh	Admin	pc/monitor
Rpetau	Admin	pc/monitor
Afox	Admin	pc/monitor
Jsvejcar	Admin	pc/monitor
Acoma FF	Acoma Station	pc/monitor
Acoma LT	Acoma Station	pc/monitor
Tejon FF	Tejon Station	pc/monitor
Tejon LT	Tejon Station	pc/monitor
Jefferson B/C	Jefferson Station	pc/monitor
Jefferson LT	Jefferson Station	pc/monitor
Jefferson LT2	Jefferson Station	pc/monitor
Jefferson FF	Jefferson Station	pc/monitor
Spare	Admin	pc/monitor
Spare	Admin	pc/monitor
<b>LAPTOPS</b>		
Jsvejcar	Training Academy	Laptop
Scott system	Acoma Station	Laptop
Rpetau	Admin	Laptop



Mertle	Jefferson Station	Laptop
Emergency Mgt1	Admin	Laptop
Emergency Mgt2	Admin	Laptop
<b>CELL PHONES</b>		
Engine 21	Jefferson Station	iPhone
Medic 21	Jefferson Station	iPhone
Asst Fire Marshal	Admin	iPhone
Squrt 23	Tejon Station	iPhone
Medic 23	Tejon Station	iPhone
Amarsh	Admin	iPhone
Mstout	Jefferson Station	iPhone
Wortiz	Jefferson Station	Samsung Galaxy
Swashington	Admin	iPhone
Truck 22	Acoma Station	iPhone
Lsmith	Bldg Dept	iPhone
Lherblan	Admin	iPhone
Pgonzales	Bldg Dept	DuraXT
EMS Bureau Chief	Training Academy	iPhone
Batt 21	Jefferson Station	iPhone
Rfoote	Bldg Dept	DuraXT
Kstovall device	Admin	iPhone
Mertle	Jefferson Station	iPhone
Jhehn	Jefferson Station	iPhone
Gweaver	Jefferson Station	DuraXT
Cdaly	Bldg Dept	DuraXT
Afox	Admin	iPhone
Gcroaston	Bldg Dept	DuraXT
Rpetau	Admin	iPhone
<b>TABLETS</b>		



Squrt 23	Tejon Station	iPad
Lherblan	Admin	iPad
Afox	Admin	iPad
Rpetau	Admin	iPad
Mertle	Jefferson Station	iPad
Asst Fire Marshal	Admin	iPad
Jsvejcar	Training Academy	iPad
Staff	Admin	iPad
Wortiz	Jefferson Station	iPad
Batt chief	Jefferson Station	iPad
Engine 21	Jefferson Station	iPad
Amarsh	Admin	iPad
Engine 22	Acoma Station	iPad
Fire G1	Acoma Station	Panasonic
Fire G1	Acoma Station	Panasonic
Fire G1	Tejon Station	Panasonic
Fire G1	Rpeteau	Panasonic
Fire G1	Jefferson Station	Panasonic
Fire G1	Jefferson Station	Panasonic
Fire G1	Jefferson Station	Panasonic
Fire G1	Jefferson Station	Panasonic
Fire G1	Jefferson Station	Panasonic
Fire G1	Acoma Station	Panasonic
Fire G1	Jefferson Station	Panasonic
Emergency Mgt	Admin	Surface
<b>PRINTERS</b>		
Lherblan	Admin	Laser printer



Asst Fire Marshal	Bldg Department	Dot matrix (can be disposed of)
Fire Admin	Admin	Copier/printer
Fire Admin	Admin	Laser printer
Amarsh	Admin	Laser printer
Jefferson B/C	Jefferson Station	Laser printer
Jefferson LT	Jefferson Station	Laser printer
Jefferson FF	Jefferson Station	Laser printer
Acoma LT	Acoma Station	Laser printer
Tejon LT	Tejon Station	Laser printer
Scott system	Acoma Station	Laser printer
<b>MISC ITEMS</b>		
Lherblan	Admin	42" monitor
Asst Fire Marshal	Bldg Dept	42" monitor
Scott SCBA system	Acoma Station	Scott system



Figure 3: FD Data Storage

Network > san3b > Fire

Name	Date modified	Type	Size
Acoma	3/13/2015 6:30 PM	File folder	
AFox	1/30/2014 6:47 PM	File folder	
AMarsh	3/3/2015 8:25 AM	File folder	
AMcNally	9/30/2014 1:00 PM	File folder	
BCash	1/2/2015 9:22 AM	File folder	
CShafer	9/30/2014 1:00 PM	File folder	
Group	3/13/2015 1:04 PM	File folder	
Intern	9/24/2012 2:36 PM	File folder	
Jefferson	3/2/2015 9:39 AM	File folder	
JFrederick	3/16/2015 2:05 PM	File folder	
Jennings	9/30/2014 1:00 PM	File folder	
JSvejar	3/12/2015 12:02 PM	File folder	
JWeigel	3/16/2015 11:09 AM	File folder	
KShelton	11/26/2014 3:47 PM	File folder	
KStovall	2/2/2015 8:12 AM	File folder	
LHerblan	3/19/2015 4:23 PM	File folder	
LVetos	1/12/2014 7:53 PM	File folder	
MBurley	3/9/2015 9:10 PM	File folder	
MErle	3/9/2015 9:25 PM	File folder	
MKubly	10/17/2011 12:44 ...	File folder	
MNorconk	9/20/2013 9:18 AM	File folder	
MStout	2/25/2015 8:43 PM	File folder	
RPetau	10/7/2013 2:33 PM	File folder	
SGreen	2/28/2015 7:02 AM	File folder	
Support Services	2/2/2015 9:26 AM	File folder	
SWashington	3/20/2015 10:24 AM	File folder	
Tegon	1/19/2015 10:03 AM	File folder	
TNicholson	2/12/2015 3:43 PM	File folder	
WOrtiz	11/2/2014 11:25 PM	File folder	

CShafer... Properties

General Customize

76,029 Files, 7,016 Folders

Type: All of type File folder

Location: All in \\san3b\Fire

Size: 113 GB (122,371,227,224 bytes)

Size on disk: 114 GB (122,530,988,032 bytes)

Attributes:  Read-only  
 Hidden  
 Archive

OK Cancel Apply

## EXHIBIT D

### FIRE STATION LEASE

THIS LEASE AGREEMENT ("Lease") is made and entered by and between the **CITY OF ENGLEWOOD**, a municipality located in Arapahoe County, Colorado (hereinafter "**Englewood**" or "Landlord"), and the **CITY AND COUNTY OF DENVER**, a Colorado home rule municipality (hereafter "Denver" or "Tenant"), to be effective as of January 1, 2012.

### RECITALS

A. Denver and **Englewood** have entered into an Intergovernmental Agreement To Provide Fire Protection (the "IGA") under which Denver will provide **Englewood** with certain fire protection **and maintenance** services for a period of time ending on December 31, 2017. As part of the IGA, **Englewood** will lease certain facilities to Denver for ~~\$1.00~~ **consideration for those services.**

B. Denver and **Englewood** wish to enter into this agreement to memorialize this Lease.

### AGREEMENT

1. **LEASE.** Landlord leases the premises identified in Exhibit 1 (the "Leased Premises") to Tenant, and Tenant leases the Leased Premises from Landlord, for use by Tenant exclusively as a fire station and administrative offices. The Leased Premises consist of a portion of the building at ~~999 South Clermont, Glendale, Jefferson Fire Station, 555 West Jefferson Avenue, Englewood Colorado 80110, and Acoma Fire Station, 4830 South Acoma Street, Englewood, CO 80110~~ (the "Building"), and includes (i) the furniture, fixtures and equipment present (the "FF&E") on the Leased Premises to the extent that the existing FF&E belongs to Landlord and not Tenant, and (ii) parking ~~on the east, west, and south sides of the Building~~ sufficient to meet the reasonable needs of Tenant. The FF&E is leased to Tenant on an "as is" basis and no warranty is made to Tenant with regard to the condition of the FF&E. Landlord shall retain ownership of the FF&E during its useful life. Upon the expiration of the useful life of the FF&E, or upon the Tenant shall replace at its option and sole cost any replacement furniture, fixtures, or equipment which shall be owned by Tenant. Before discarding any of the current FF&E, Tenant will give the Landlord the opportunity to remove the item from the Leased Premises at Landlord's sole cost and expense.

2. **TERM.** The term of this Lease shall be from **June 1, 2015** through December 31, **2035**.

3. **RENT.** ~~The rent shall be \$1.00, the receipt and sufficiency of which is acknowledged.~~ **Consideration shall be the provision of fire and ambulance services set forth in the IGA.**

4. **INSURANCE.** Landlord shall, at its sole cost and expense, maintain Commercial General Liability and Property Damage Insurance **through the Colorado Intergovernmental Risk Sharing Agency** and such other coverage(s) at such levels as are currently in effect, covering the Building, and to keep such coverage(s) in force throughout the Term of this Lease. Tenant acknowledges that it is self-insured pursuant to the Colorado Governmental Immunity Act, sections 24-10-101 et seq., CRS.

## **EXHIBIT D**

**5. COMPLIANCE WITH LAWS.** Tenant and Landlord will comply with all laws, ordinances, orders, rules, regulations, and other governmental requirements relating to the use, condition, or occupancy of the Leased Premises.

**6. ASSIGNMENTS AND SUBLEASES.** Without Landlord's prior written consent, which Landlord may withhold in its sole discretion, Tenant will neither assign this Lease in whole or in part nor sublease all or part of the Leased Premises.

**7. ALTERATIONS.** Tenant will not make any alterations, additions, or improvements to the Leased Premises without Landlord's prior written consent, which consent shall not be withheld unreasonably.

**8. LANDLORD'S ACCESS.** Landlord, its agents, employees, and contractors may enter the Leased Premises at any time in response to an emergency or to service mechanical equipment or utilities that service the Building in which the Leased Premises are located. Landlord may enter the Leased Premises at reasonable hours and following reasonable notice to (a) inspect the Leased Premises, (b) supply any other service which this Lease requires Landlord to provide, (c) post notices of nonresponsibility or similar notices, or (d) make repairs which this Lease requires Landlord to make; however, all work will be done as promptly as reasonably possible and so as to cause as little interference to Tenant as reasonably possible. Landlord will at all times have a key with which to unlock all of the doors in the Leased Premises (excluding Tenant's vaults, safes, and similar areas). Landlord will have the right to use any means Landlord may reasonably deem proper to open doors in and to the Leased Premises in an emergency in order to enter the Leased Premises. No lawful entry into the Leased Premises by Landlord by any reasonable means will be a forcible or unlawful entry into the Leased Premises or a detainer of the Leased Premises or an eviction, actual or constructive, of Tenant from the Leased Premises.

**9. COVENANT OF QUIET ENJOYMENT.** So long as Tenant pays the rent and performs all of its obligations in this Lease, Tenant's possession of the Leased Premises will not be disturbed by Landlord, or anyone claiming by, through or under Landlord, or by the holders of the mortgages against the Leased Premises.

**10. SHARING OF UTILITIES, REPAIRS, AND MAINTENANCE.** Landlord shall furnish or cause to be furnished water, sewer, electricity and gas (the "Utilities") sufficient to meet Tenant's needs at the Leased Premises. Utilities shall be billed in the name of the Landlord. Landlord shall pay 100% of all repairs and maintenance which generally benefit the Building in which the Leased Premises are located. Tenant shall pay 100% of all repairs and maintenance which solely benefit the Leased Premises.

### **11. MISCELLANEOUS.**

a. Governing Law. The laws of the State of Colorado, without regard for its conflicts of laws provisions, shall govern the interpretation and enforcement of this Lease.

**EXHIBIT D**

b. Appropriations. The obligations of the parties hereunder shall extend only to monies duly appropriated by each City for the purposes of this Lease. Neither Landlord nor Tenant intends by this Lease to irrevocably pledge present case reserves for payments or services in future fiscal years, and this Lease is not intended to create a multiple-fiscal year direct or indirect debt or financial obligation of the Landlord or Tenant.

c. Joint Advisory Board. Landlord and Tenant shall comply with the provisions of Section 10 of the IGA regarding the referral of questions or issues which may arise hereunder to the joint advisory board.

**12. AUTHORIZATION OF EACH PARTY/MINOR MODIFICATIONS.** Each party hereby represents to the other that it has duly and lawfully considered and entered into this Agreement through its duly designated representatives. Landlord, by and through its City Manager, and Tenant, by and through its Fire Chief, shall be entitled to agree upon minor modifications to this Lease, and reduce such modifications to writing, provided such modifications (i) are acceptable in form to each party's City Attorney, (ii) do not lengthen the Term of this Lease, and (iii) impose no additional financial obligation upon either party.

IN WITNESS WHEREOF, Landlord and Tenant have executed this document.

**CITY OF ENGLEWOOD**

**ATTEST:**

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

\_\_\_\_\_  
Clerk of the City of Englewood



## LEGAL DESCRIPTION

### Jefferson Fire Station Lease

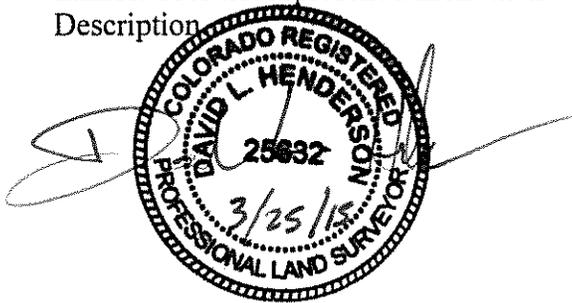
That part of Lots 12 through 21, Block 16, Englewood, along with the vacated alley abutting said lots, located in the NW ¼ of Section 3, Township 5 South, Range 68 West of the 6<sup>th</sup> Principal Meridian, City of Englewood, County of Arapahoe, State of Colorado, being more particularly described as follows:

BEGINNING at the Southwest corner of Lot 17, Block 16, Englewood; THENCE northerly, along with West line of said Block 16, a distance of 108.8 feet to a point on the West line of Lot 21, said point being the prolongation of the North Face of the common wall between the Fire and Police Facility located at 3615 South Elati Street; THENCE easterly and along said prolongation of the North Face of the common wall a distance of 205.7 to a point, said point being the prolongation of the west edge of an existing asphalt parking lot; THENCE southerly and along said west edge of a parking lot a distance of 24.0 feet; THENCE easterly and parallel to South line of said Block 16 a distance of 30.0 feet; THENCE southerly and parallel to the West line of said Block 16 a distance of 84.8 feet, more or less, to a point on the South line of Block 16; THENCE westerly and along the South line of Block 16 a distance of 235.7 feet to the POINT OF BEGINNING.

The above described property contains an area of 24,924 square feet (0.572 acres), more or less.

### Surveyor's Statement

I, David L. Henderson, a registered Professional Land Surveyor in the State of Colorado, do hereby state that this Legal Description and attached Exhibit were prepared under my direct supervision and on the basis of my knowledge, information, and belief, are correct. The attached Exhibit does not represent a monumented land survey, and is only to depict the Legal Description.



David L. Henderson, Professional Land Surveyor  
Colorado P.L.S. No. 25632

Dated March 25, 2015



**CITY OF ENGLEWOOD**  
 1100 JACKSON BOULEVARD  
 ENGLEWOOD, CO 80110  
 Phone: (303) 781-1500

*The Information*

CONTINUED FROM PREVIOUS PAGE	DATE OF THIS MAP
DRAWING FILE NAME: 2010-06-10-1041-144	DATE OF THIS MAP
FILE NUMBER: 2010-06-10-1041-144	DATE OF THIS MAP

**FIRE DEPARTMENT LEASE AREA**

DATE: 05/15/2010

## LEGAL DESCRIPTION

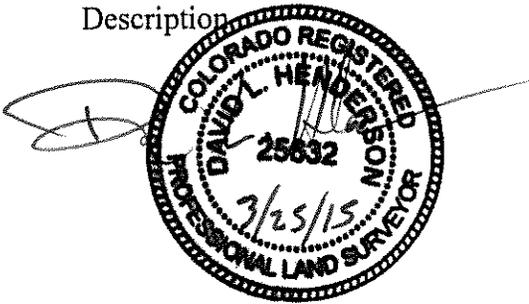
### Acoma Fire Station Lease

All of that real property described in the Rule, Order, Judgment, and Decree recorded in Book 3413 at pages 345 and 346 in the Office of the Clerk and Recorder of Arapahoe County, located in the SW ¼ of Section 10, Township 5 South, Range 68 West of the 6<sup>th</sup> Principal Meridian, City of Englewood, County of Arapahoe, State of Colorado, being more particularly described as follows:

The West 133 feet of the following described parcel: BEGINNING 50 feet West of the centerline of South Broadway and 100 feet South of the centerline of West Layton Avenue; THENCE West 266 feet; THENCE South 150 feet; THENCE 266 feet East; THENCE North 150 feet to the POINT OF BEGINNING, containing approximately 19,950 square feet.

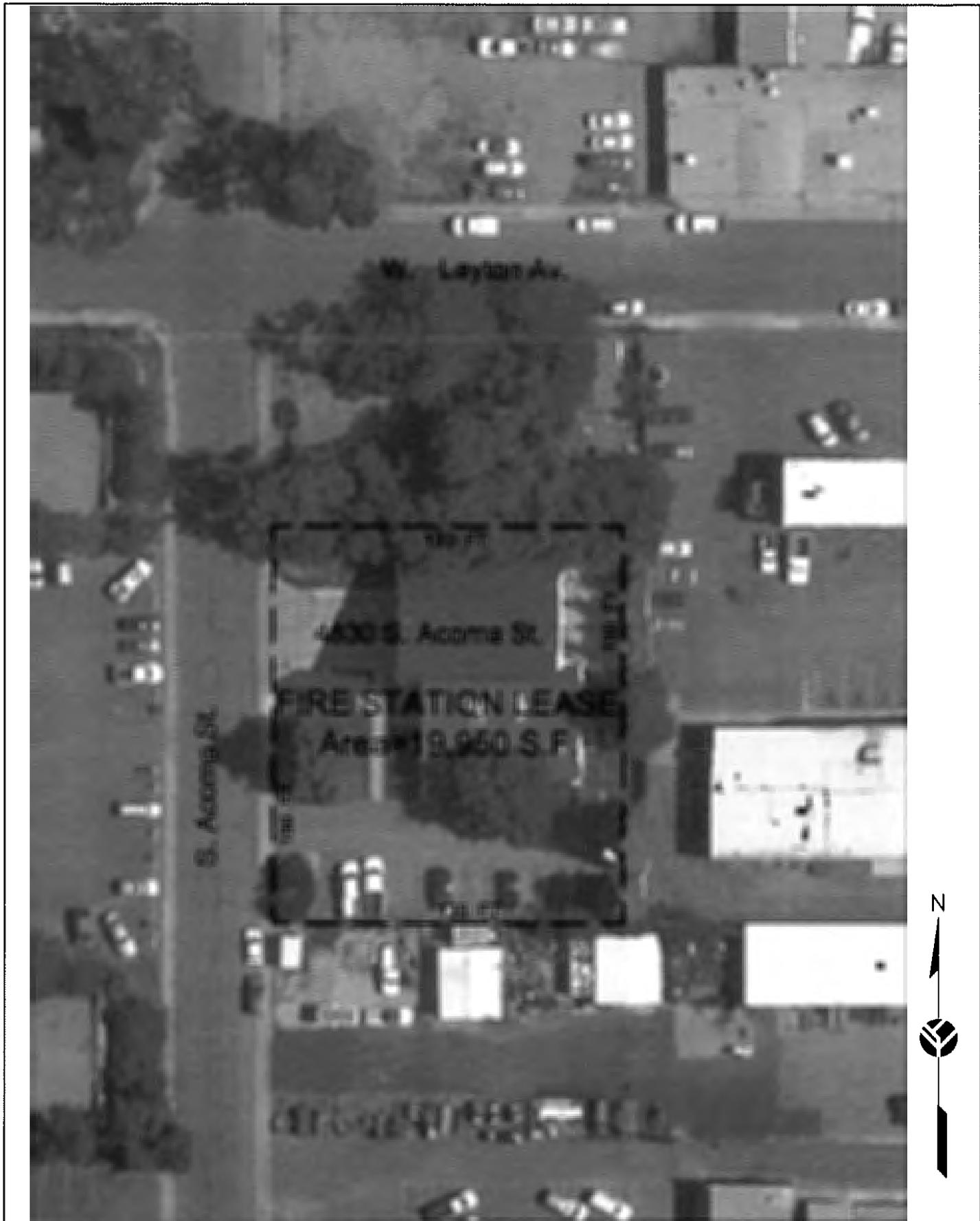
### Surveyor's Statement

I, David L. Henderson, a registered Professional Land Surveyor in the State of Colorado, do hereby state that this Legal Description and attached Exhibit were prepared under my direct supervision and on the basis of my knowledge, information, and belief, are correct. The attached Exhibit does not represent a monumented land survey, and is only to depict the Legal Description.



David L. Henderson, Professional Land Surveyor  
Colorado P.L.S. No. 25632

Dated March 23, 2015



**CITY OF ENGLEWOOD**

1000 ENGLEWOOD PARKWAY  
 ENGLEWOOD, CO 80110  
 Phone: (303) 762-2500

**File Information**

DEPARTMENT OF PUBLIC WORKS		DRAWN BY: PRW
Drawing File Name: 2015-4830AC-SV01.DWG		CHECKED BY: DLH
Acad Version: 2015	Scale: 1"=50'	Units: English

**FIRE DEPARTMENT  
 LEASE AREA**

DATE: 03/23/2015

**EXHIBIT E**  
**FIRE VEHICLES**

**The following vehicle(s)/equipment will be going to the Denver Fire Department**

Equipment #	Description	VIN/Serial #	License	Title #
6490	2001 American LaFrance Squirt Including the Listed Equipment currently on the Vehicle as set forth on Exhibit E-6490	4Z3AAACG21RH71659	249-BHE	10R494396
6501	2007 Crimson Pumper	4S7AU2F9X8C061004	828-DY1	10R866983
6502	2007 Crimson Heavy Rescue Pumper Including the Listed Equipment currently on the Vehicles as set forth on Exhibit E-6501 and Exhibit E-6502	4S7AU2F908C061013	829-DY1	10R866992
6353	2009 Chevrolet Cut Away CC4V042	1GBE4V1929F402606	273-UHF	10B094378
6354	2012 Dodge Ambulance Including the Listed Equipment currently on the Vehicles as set forth on Exhibit F-6353 and Exhibit F-6502	3C7WDMCL6CG210455	453-YOM	10B106384

**FIRE STATION INVENTORY – EXHIBIT E – II**

All furnishings currently located in the Jefferson and Acoma Fire Stations as listed on Exhibit E – II  
All Fire Equipment from the Following Listed Units: 6488, 6493, 6494, 6499, 6503

**The following vehicle(s)/equipment will remain with the City of Englewood**

Equipment #	Description	VIN/Serial #	License	Title #
5217	2001 Kawasaki Mule	JKLAFCF1X1B500249	Unknown	Unknown
6351	2011 Ford Escape Hybrid	1FMCU5K31BKC53806	2980UHC	10B035238
6352	ONAN 230DSHAD	F110221031	Unknown	Unknown
6469	1991 Haulmark Trailer	16HCB0813NH015340	372V14	10P504528
6471	1993 Chevrolet K2500	1GCFK24H2PZ256234	852A38	10P608770
6488	2000 American LaFrance Pumper	4Z36ESEB1YRH12551	345-AVJ	10R440522
6489	2000 Haulmark Trailer	16HGB1822YU020525	797-AVO	10R442768
6491	2001 Ford E450	1FDXE45F71HB16413	335-BHE	10R548602
6492	2002 GMC Yukon	1GKEK13Z32J270874	271-CEH	10R561205
6493	2002 American La France Pumper	4Z3AAACG03RK50116	793-DFC	10R590730
6494	2003 Freightliner M2106	1FVACYAK63HL81776	010-DYI	10R606458
6496	1999 Shoreland Trailer	1MDFHLJ12XAO66486	866-BFC	10R642804
6499	2005 Freightliner M2 Hazmat	1FVACYBS45HU77164	638-DYI	10R736931
6503	2008 Chevrolet Silverado 2500	1GCHK23658F223491	094-FIJ	10R898001
6504	2009 Bauer TCOM-25 Trailer/ Compressor	1B9PE12229N730150	491-CEH	10R952424
7388	2005 Chevrolet Impala – Silver	2G1WF52K959349118	441-LIV	10R738508
7389	2005 Chevrolet Impala – Red	2G1WF52K659349271	440-LIV	Unknown
7390	2005 Chevrolet Impala – Grey	2G1WF52K359352614	445-LIV	Unknown

**LEASED FIRE VEHICLES**

6501	*2007 Crimson Pumper	4S7AU2F9X8C061004	828-DY1	10R866983
6502	*2007 Crimson Heavy Rescue Pumper	4S7AU2F908C061013	829-DY1	10R866992

**VOLUNTEER FIRE VEHICLES**

6475	1930 Ford Firetruck	AA4033258	166868	10P861715
6474	1948 Chevrolet Ambulance	FAA414680	43C393	10P860335

MISCELLANEOUS EQUIPMENT -- EXHIBIT E -I

Fire Radios to be retained for the use of the Englewood Police Department

ELECTRONICS -- EXHIBIT E -- III

SPARE FIRE TRUCK REPAIR PARTS -- EXHIBIT E -- IV

FIRE STATION IT EQUIPMENT LIST - EXHIBIT E -- V

WILDLAND EQUIPMENT LIST -- EXHIBIT -- VI

\*LEASED VEHICLES

Lease Pay-off Amount: \$113,894.02 (Approximate)

Insurance amount for two years: \$ 5,044.00 (\$1,261.00 per Unit, per year)

Current Value: Unit 6501 - \$ 275,080; Unit 6502 - \$ 333,112

**E - 5217**

**Unit 5217, 2001 Kawasaki Mule, VIN - JKLAFCF1X1B500249, License – Unknown,  
Title # Unknown**

**No Listed Equipment**

**E - 6351**

**Unit 6351, 2011 Ford Escape Hybrid, VIN - 1FMCU5K31BKC53806, Plate 2980UHC  
Title # 10B035238**

**No Listed Equipment**

**E – 6352**

**Unit 6352, ONAN 230DSHAD, VIN - F110221031, License Unknown, Title #Unknown**

**No Listed Equipment**

**E – 6353**

**Unit 6353, 2009 Chevrolet Cut Away CC4V042, VIN - 1GBE4V1929F402606,  
Plate 273-UHF, Title #10B094378**

**No Listed Equipment**

**E - 6469**

**Unit 6469, 1991 Haulmark Trailer, VIN - 16HCB0813NH015340, Plate - 372V14  
Title #10P504528**

**No Equipment Listed**

**E - 6471**

**Unit 6471, 1993 Chevrolet K2500, VIN - 1GCFK24H2PZ256234, Plate 852A3  
Title #10P608770**

**No Equipment Listed**

**E – 6488**

**Unit 6488, 2000 American LaFrance Pumper, VIN - 4Z36ESEB1YRH12551,  
Plate 345-AVJ, Title #10R440522**

**Listed Equipment Attached**

**E - 6489**

**Unit 6489, 2000 Haulmark Trailer, VIN - 16HGB1822YU020525, Plate 797-AVO  
Title #10R442768**

**No Equipment Listed**

**E – 6490**

**Unit 6490, 2001 American LaFrance Squirt, VIN - 4Z3AAACG21RH71659, Plate 249-BHE  
Title #10R494396**

**Listed Equipment Attached**

**NOTE: DENVER WILL BE TAKING THIS VEHICLE**



**Squirt 23 (#6490)**  
**Station 23: Acoma Station**  
**4830 S. Acoma**  
**Office: 3/762-2482**



**DOE Side**

**Front Upper compartment:**

- DOE headset, 2- guide flashlights, 2 helmets (**Rear tail board left side**)
- Airpack with cylinder
- 6 lb. flat head axe
- Halligan tool
- 10 lb. sledge hammer
- Personal rope bag (approx. 60' of 7mm static kern mantel rope)
- "Yak Trax" shoe chains
- Spare mask (AV3000)
- Red Tool box
- Duct tape
- Lock out/ tag out kit
- K-tool unlock kit
- Can of dry lube
- David Clark headset connection
- K-12 Stihl TS-400 1xMetal and 2xMasonry Blades 5400 RPM (**RR upper compartment**)

**Front Lower Compartment:**

- Dead blow shot mallet (On the door)
- 2- 7 way spanners (On the door)
- 1- multi-use hydrant wrench (On the door)
- 1- 18" Steel Pipe wrench (On the door)
- 1- 2 ½" gate valve
- 1- 19 ½' long 2 ½" stinger section of hose (**upper hose bed**)
- 3- 5" storz to 2 ½" female reducer (2-flat, 1 with elbow)
- 1- Foam Jet nozzle (F= Foam Jet, LX= Low Expansion, HM= Mid Force Hand Line)
- 1- 2 ½" to 2 ¼" Siamese
- 2- 2 ½" to 1 ¾" gated wyes
- 1- Bressnan Distributor Nozzle (aka cellar nozzle, 9 holes 6 @ 13/16", 3 @ ¼" 480 gpm @ 100 psi. 18' broken stream radius)
- 2 ½" to 1 ½" reducer National Hose thread
- 1- 1 ½" National Hose thread Double Male
- 1- 1 ½" National Hose thread Double Female
- 2- 1 ½" National Pipe Female thread to National Hose Male thread
- 2- 1 ½" National Hose Female thread to National Pipe Male thread
- 2 ½" TFT 7 position ball valve bale, smooth bore handline, at 50 psi
  - 1" tip (210 gpm)
  - 1 1/8" (266 gpm)
  - 1 ½" (328 gpm)
- 2 ½" TFT 7 position ball valve bale, smooth bore, with 1 1/8" tip (266 gpm)
- 1 ½" (for 1 ¼" hand lines) TFT 7 position slider valve bale, combination nozzle straight stream and fog stream @ 100 psi, standard pressure @ 70-200 gpm, low pressure @ 30-70 gpm
- 2 ½" TFT 7 position ball valve combination nozzle, straight stream and fog stream @ 100 psi, 50-350 gpm
- 1- 5" hydrant cap
- 4- 2 ½" double males
- 4- 2 ½" double females
- 1- 2 ½" to garden hose reducer

- 50' section of cotton jacketed garden hose
- 2- 7 way spanners
- 2- LDH spanners / large multi use spanners
- 2 ½" Master Stream Smooth Bore tips 80 PSI
  - 1 3/8" (502 gpm)
  - 1 ½" (598 gpm)
  - 1 ¾" (814 gpm)
  - 2" (1063 gpm)
- 3-1 ½" rubber gaskets
- 5- 2 ½" rubber gaskets
- 3 hose straps
- Circuit panel for mounted lights and outlets
- Spare key in "hide-a-key" box

**Upper Middle:**

- **Rit Bag** (utility knife, trauma sheers, 145' of 6mm static kern mantel rope, yellow rescue strap, 8" channel lock pliers, tin sheers, 5' orange loop webbing, mask with MMR, double male air adapter, 5 1/2' UAC connection, 60 minute carbon wrapped air bottle=87 cubic feet of air, 3 carabineers 4500 lb max.)
- **162' long 1/2" diameter lifeline with Z-rig setup**

**Black bag of webbing**

- 2-20' (yellow) lengths of tubular webbing
- 4-15' (blue) lengths of tubular webbing
- 3-5' (green) lengths of tubular webbing
- 1 yellow anchor strap (9'-8,000 lb max) with d-rings
- 1 blue bungee web
- 1-6' flat webbing strap with hooks and tensionor

**Black mesh bag of prusik and carabineers**

- |  |                 |
|--|-----------------|
| • 5-"8" plate                              | 3- 20' yellow   |
| • 6-2' prusik loops                        | 5- 15' black    |
| • 2 small rescue pulleys (blue and purple) | 1- 5' green     |
| • 1 large prusik minding pulley (red)      | 2- 15' 2" black |
| • 7- Carabineers (4100 kg max)             | 6- 10' red      |
| • Grey webbing bag                         |                 |
| • 2-5' green webbing                       |                 |
| • 3-10' red webbing                        |                 |
| • 6-15' blue webbing                       |                 |
| • 4-20' yellow webbing                     |                 |
| • 3-10' XL anchor straps                   |                 |

**Orange bag of prusiks and carabineers**

- 18- 2' prusik loops (5 orange, 5 purple, 7 green)
- 3- "8" plates
- 2 red prusik minding pulleys
- 2 small rescue pulleys (blue and purple)
- 21 carabineers (2-4,100 KG, 1-9,000 lb, 2-46 KN, 7-72 KN, 2 not marked)
- 2 red rope rollers with 2 carabineers (linked together)

**Large Black "SCOTT" bag**

- 4 green level B hazmat suits
- Chem tape
- 4 blue barrier jumpsuits
- 4 SCOTT air purifying cartridges
- green nitrile gloves

- brown containment bags
- 3 tubes of repair putty epoxy
- 4 pair of yellow splash protection booties
- Roll of black trash bags

**Lower Rear:**

- PPV/PPA (Fan Honda 5.5 hp, 4 stroke, PPV/PPA Fan, 7 bladed 18" airfoil propeller, 14,800 rfm, Model #71864H, 12 degree optimum operating angle @ 6', 10-15 psf tires)
- \* Pre-mix fuel cans (50 L mix for saws)
- Red fuel can (gas for 4 stroke engines)
- Bar oil (**upper compartment**)
- Funnel (**upper compartment**)
- White rags (**upper compartment**)
- 4 yellow door chocks on fan

**Upper Rear:**

- Chain saw with Carbide tipped chain (Stihl MS 460, 3 in a row or 6 total, 2,500 rpm idle speed)
- \* Rotary saw with steel blade (Stihl TS 400, 5350 RPM, auto tensionor inboard/outboard blade position)
- Coffee can full of plug and dyke (**right rear upper compartment**)
- 2 extendable broom handles
- TFT Piercing nozzle (7 position ball valve, 125gpm @ 100psi, Maximum operating pressure of 200 psi, capable of penetrating one layer cinderblock, two layers brick, 3/4" plywood or 1/16" thick steel plate)
- 1 black bag with 2 part putty, bees wax, various diameter wooden plugs (**right rear upper compartment**)
- 2 rolls of yellow "fire line tape"
- 4 broom heads
- Stihl saw wrench/ flat head screw driver
- 2- 4' shovels (1 flat, 1 spade tip)
- Roll of red "DANGER" barrier tape
- 1 spare bullet chain in box
- 1 yellow tub of gojo hand cleaner
- black trash bags
- duct tape
- Chem Tape

**Officer's side:**

**Rear top compartment:**

- 5x5 carry all 4 handle
- 11x16 salvage cover 4x8 salvage
- 5x18 Floor Runner 3.5x6 carryall
- 10 x 24 blue tarp
- 10 x 25 visqueen ( plastic sheet)
- 100' extension cord
- 2 - 25' extension cords
- 500 watt portable lights x2
- junction boxes
- 24"/36" bolt cutters
- \* Sampson hose clamp (up to 2" hose to 150-300 psi flowing, 200psi non flowing. Up to 3" 100-500 psi flowing, 125 non flowing)
- \* Cooper hose jacket (max operating pressure 150psi)
- Box with drill bits, paddle bits, screw driver tips
- 2- hay/mattress hooks
- Dewalt 20 volt , 2 speed, 18 setting, cordless Dewalt drill
- Drill Bits
- Dewalt 28 volt single speed recip saw (DC EPS)
- Husky socket set (**upper left engineer compartment**)



**Cab:**

- X1 FLIR-TIC w/ extra battery
- Q-ray 4 gas monitor (with battery charger)

	Low Alarm	High Alarm
O2	19.5%	23.5%
CO	35 ppm	70 ppm
H2S	10 ppm	20 ppm
LEL (Calibrated to Pentane)	10%	20%

- **TIF Combustible Gas Detector** (Visual and Audible indicators, variable sensitivity as low as 5ppm (gasoline) 30 second warm up time, instantaneous response time, Approx 4 hour run-time battery life, 15" probe, 16 oz weight, operating temp range 32-125 degrees F, 4 Bv rechargeable Ni-Cad batteries)
- Orange Med Kit
- Airway Bag
- AED
- Intubation Kit
- Pub Ed kit
- Backboard
- C-Collar
- X1 AC Hotstick (3 settings, high/low sensitivity & front focused AC Frequencies of 20 – 100 Hz, Intrinsically safe PVC housing theoretically able to withstand a 50,000 volt shock)
- Spare O2 Bottle
- N-95 Respirators
- Radiac Plus

**Squirt Specs**

**Aerial General:**

- Vertical Reach 65' @ 75 degrees (recommended) capable of 85 degrees
- Horizontal 60' up to -9 degrees below grade
- Rotation 360 degrees continuous, Shear ball bearing 33" turn-table
- Weight capacity 500 lbs at above 45 degrees, 250 lbs at below 45 degrees

**Nozzle General:**

- Flow capacity 300 to 1000 GPM @ 85 to 100psi
- Vertical travel 200 degrees
- Horizontal travel 180 degrees

**Hose:**

- 800' of 5" supply line
- 1200' of 2.5" accordion loaded
- 200' of 2.5" triple load with 2.5" fog nozzle 50-350gpm at 100 psi
- 200' of 1.75" cross-lay 1 foam capable
- 200' of 1.75" cross-lay 2
- 100' bumper line foam capable

**E - 6491**

**Unit 6491, 2001 Ford E450, VIN - 1FDXE45F71HB16413, Plate 335-BHE,  
Title # 10R548602**

**No Equipment Listed**

**E - 6492**

**Unit 6492, 2002 GMC Yukon, VIN - 1GKEK13Z32J270874, Plate 271-CEH  
Title #10R561205**

**No Equipment Listed**

**E – 6493**

**Unit 2002 American La France Pumper, VIN - 4Z3AAACG03RK50116  
Plate - 793-DFC, Title #10R590730**

**Listed Equipment Attached**

**E - 6494**

**Unit 6494 2003 Freighliner M2106, VIN - 1FVACYAK63HL81776, Plate 010-DYI  
Title #10R606458**

**Listed Equipment Attached**

**E - 6496**

**Unit 6496, 1999 Shoreland Trailer, VIN - 1MDFHLJ12XAO66486, Plate 866-BFC  
Title #10R642804**

**No Equipment Listed**

**E – 6499**

**Unit 6499, 2005 Freightliner M2 Hazmat, VIN - 1FVACYBS45HU77164, Plate 638-DYI  
Title # 10R736931**

**Listed Equipment Attached**

**E – 6501  
Unit 6501, 2007 Crimson Pumper, VIN - 4S7AU2F9X8C061004, Plate 828-DYI,  
Title #10R866983**

**Listed Equipment Attached**

**(Leased)**

**NOTE: The Following Questions remain regarding this Unit:**

- **Lease is not assignable**
- **City of Englewood will retain ownership and Denver will operate**
- **City of Englewood will insure and remain liable for Unit through the end of the lease term**
- **At the end of the lease term will the Unit title be transferred**

**NOTE: DENVER WILL BE TAKING THIS VEHICLE**

**INSURANCE**

- **The Denver Fire Department will be using this vehicle while the City of Englewood will continue to make the lease and liability insurance payments.**
- **Englewood's cost of insurance for this vehicle is \$1,261.00 per year, and the insurance deductible is \$150,000.**



**Engine 21 (#6501)**  
**Station 21: Jefferson Station**  
**555 W. Jefferson Ave.**  
**Office: 3/762-2484**  
**Battalion Chief: 3/762-2477**



**Engine Compartments**

**DOE outside cab Front compartment**

- X1 radio lapel
- X2 spare mask
- X2 spare MMR

**DOE outside cab Rear Compartment**

- Rags
- X1 silicone lubricant
- Spare headset
- # "21" plate
- Scene light controller

**DOE side Front compartment:**

- x1 SCBA
- x1 personal rope bag (60' 8mm static kern mantle rope, daisy chain 1" webbing and aluminum carabineer rated at 23kN)
- x1 Foam Jet-Lx tip (Foam aspirator, Foam Jet-Low Expansion-Mild Force Hand line) FJ-LX-HM
- x1 1"1/8 smooth bore nozzle w/1 1/2 breakaway (1"1/8: 266gpm @ 50psi)
- x1 gated wye (ball valve) 2 1/2 to double 1 1/2 "
- X1 2 1/2" Task Force tip Hand Line adjustable pattern automatic fog nozzle (95-300gpm @ 100psi)
- x1 2 1/2 gate valve
- x2 mattress hooks (hay hooks)
- x1 Slamese (double 2 1/2 to single 2 1/2)
- x1 smooth bore nozzle w/ 1", 1 1/4, 1 1/2 orifice (210gpm, 266gpm, 328gpm @ 50psi)
- X1 garden hose (100', for decontamination operations)
- X1 duel 2 1/2 to storta (monitor base/Slamese)
- X1 storta to 2 1/2 reducer/expander
- X1 Hydrant wrench
- X1 mallet (dead-blow)
- Smooth bore master orifices: 1 1/4, 1 1/2, 1 3/4, 2" + stream straightener (502gpm, 598gpm, 814gpm, 1063gpm @ 80psi)
- x2 LDH spanners
- x1 set of irons (X1 Haligan, X1 6lb. fiberglass handled flat head axo)
- bressnan distributor nozzle (AKA Cellar nozzle 9 holes, 480gpm @ 100psi, 18' broken stream radius, 9 orifices measurements: 3 @ 13/16" and 6 @ 1/2" )
- ADAPTERS: 1 1/2" cap, x1 1 1/2" NH to NP (national hose to national pipe), x1 1 1/2" NP to NH, x1 1 1/2" duel male NH, x2 1 1/2" duel female NH, x2 NH to NP, x1 2 1/2" smooth bore adaptor, x5 2 1/2" duel male NH, x5 2 1/2" duel female.

**Underneath:**

- X2 tire chocks ("bear traps")

**DOE side middle compartment:**

- X1 5 gallon bucket w/absorbent
- X1 3 1/2 gallon bucket w/ice melt
- X1 Rehab cooler with water
- X1 box repair putty sticks
- X1 5 gallon bucket (empty/foam flush)
- X1 coffee can plug and dyke
- X1 7' foam fill/flush hose
- X2 rolls garbage bags
- Stihl MS 461 chain saw w/bullet chain
- Bar oil

DOE side middle drawer:

- X1 reel 'Danger' tape
- X2 reel 'Fire Line' tape
- X2 duct tape
- X1 roll of chem tape
- X1 6ft fiberglass handled pick axe
- X1 18" steel pipe wrench
- X1 15" steel crescent wrench
- X4 hose straps
- X1 K-tool unlock kit,
- X1 Hazmat & terrorism emergency response book

Front Rear wheel compartment

- X1 True Fuel
- X1 packet of wipes
- X1 funnel
- X1 scoop

Back Rear wheel compartment

- Diesel fuel fill
- Floor dry fill and dispense underneath apparatus behind rear left tire

DOE side rear compartment:

- X1 PPV Fan (SuperVac Model 718g4-h, 7 bladed 18" airfoil propeller, 4 cycle 6.5 horsepower engine, rated at 15,590 cfm, 3535rpm, approx: 82lbs, 94 decibels at 7 meters, 110 minute runtime) 18 degree optimum operating angle @ 6'
- X1 Dewalt 20V drill & Sawzall
- X1 Tool Box
- X1 Husky ratchet set
- X1 Dewalt 120 V Sawzall
- X1 can liquid wrench silicon spray
- X2 extendable brooms ( 4'-8', 5')
- X1 expanding rake
- X1 flathead (square) shovel
- X1 spade shovel
- X1 piercing nozzle (125gpm @ 100psi, Maximum operating pressure of 200 psi, capable of penetrating one layer cinderblock, two layers brick, 3/4" plywood or 1/16" thick steel plate)
- X1 13' little giant ladder (11' maximum working length, 300lbs capacity, NOT fire rated)

Bag:

- X1 pouch of spare reciprocating saw blades
- X1 25' tape measure
- X1 20 V charger Dewalt

Rear End compartment:

- X10 19" traffic cones
- X1 monitor base with tie off strap and Safe-Tak valve) \*do not use at less than 35 degrees\*
- Edge protection (Edge Pro)
- X1 25' 5" (LDM) Hose
- x1 10' stick 2 1/2 light weight hose
- X1 Sampson hose clamp (can be used with 1 1/2", 1 3/4", 2", 2 1/2", and 3" double jacketed woven hose, 20' from apparatus and 5' from coupling, always stand upside of stream while clamping)

**Hydrant bag:**

- X1 5"/stortz adaptor
- X1 5" Denver thread adaptor
- X1 2 1/2" to double 1 1/2" gated wye
- X1 1 1/2" NH to NP adapter
- X1 1 1/2" NP to NH adapter
- Hydrant wrench
- Lktielon Hydrant wrench
- X2 7 way spanners (couple hose, uncouple hose, nail puller, gas shutoff, door wedge, pry tool, striking tool)
- X2 Large spanners
- X1 2 1/2" cap
- X1 2 1/2" double female adaptor (NH)
- X1 2 1/2" double male adaptor (NH)

**Officer side rear compartment:**

- X1 35lb ABC extinguisher (rated: 20-A, 120-B, & C)
- X1 2 1/2 gallon water/microblaze mix extinguisher (rated: 2-A)
- X1 CO2 26 lb. extinguisher (rated: 10-B, & C, with 4" horn orifice)
- X2 High rise pack: 3' section of light weight 2 1/2" hose to gated wye to 100' light weight 1 1/2" hose to a Task Force Tip Mid Force automatic fog nozzle (70-200 gpm @ 100 psi w/low flow setting of 30 to 70psi), X1 NH to NP 1 1/2" adaptor, X1 NP to NH 1 1/2" adaptor, X2 7 way spanners, X1 10" pipe wrench
- X2 50' sections of light weight 2 1/2" hose
- X1 Cooper hose Jacket (maximum operating pressure 150psi, classified 'tool' by IFSTA pg 649)
- X1 set of Irons
- X1 rubbish hook
- X1 Utility rope bag (150' braided rope NOT for life safety)
- X2 Single person Hazmat bag
- X1 4 person Hazmat bag

**Officer side middle compartment:**

- X2 portable floor lights (Halogen 500 watts 120v)
- X2 carry all's (5'x5' and 8'x8')
- X2 salvage tarps (12x 14)
- X1 roll of Visqueen (plastic cover 10' 4" wide)
- X3 50' electrical extension cords
- X1 junction box with 4 plug-ins
- X2 Pig tails (twist lock to 3 prong adapters)
- X2 2 prong to 3 prong (grounded) adapters

**Officer side middle drawer:**

- X1 Duck bill lock breaker
- X1 Fire line tape
- X1 A-tool (with lock manipulator)
- X1 Officer tool/Crash axe/pry axe
- X1 6lb. pick axe
- X1 8lb sledge hammer
- X1 12lb sledge hammer
- X1 3/8" bolt cutters (maximum cutting capacity of 7/16 hard metals and 9/16 soft metals, with replaceable cutting heads)

**Wheel compartments front and back:**

- X6 air cylinders

**Officer front compartment:**

- X1 set of Irons
- X1 Thermal Imaging Camera (TIC: SCOTT Eagle Imager 160, 4.2 lbs., 4"LCD screen, three mode 'twist change': hands free, hands on, and crawl. 1,100 degree dynamic range. Made of HHRP 'Heat & hit resistant polymer, 'twist change' battery approx. 4 hr service life)
- X1 K-tool unlock kit
- X1 spare mask

- X1 box of cribbing
- X1 SCBA
- X1 4" D-handled pike pole
- X1 personal rope bag (60' 8mm static kern mantel rope with aluminum carabineer)

Officer side rear cab compartment:

- X1 cab tilt controller

Officer side front cab compartment:

RT Bag:

- X1 60 minute SCBA bottle (87 cubic ft. of air at 4500psi)
- X1 MMR
- X1 SCBA Mask
- X1 pair of trauma sheers
- X1 utility knife
- X1 pair channel-lock pliers
- X1 pair tin snips
- X1 heavy tow/haul strap (5', 12,000lbs)
- X2 aluminum carabineers
- X1 rope bag (150' 6mm kern mantel rope)

Up Top

- X2 6' D-handled, fiberglass shaft, drywall hooks (AKA Cat's paw or plaster hook)
- X1 backboard
- X1 Extend-A-Gun telescoping waterway to mounted deck gun w/stream straightener and variable stream automatic fog nozzle (150-1250gpm @ 100psi, maximum operating pressure of 170 psi)
- X1 Hydraulic AC Generator

Ladder Rack

- X1 24' two section ladder
- X1 14' roof ladder
- X1 10' folding attic ladder
- X1 10', 8', 6' fiberglass handled pike pole

Hose Bed

- 1,000' of 5" LDH
- 200' of lightweight 2 1/2" preconnected triple stack load with attached 7 way bale adjustable pattern automatic fog nozzle (50-350gpm @ 100psi)
- 800' of lightweight 2 1/2" hose.

Pre-connects

- X2 200', 1 1/2" hose lines with TFT Mid-Force nozzles (Both lines are foam capable)

Inside Cab

Roll-up cabinet in FF area

Top Shelf

- X1 spare O2 cylinder
- X1 spare c-collar
- X1 AC Holstick (3 settings: high/low sensitivity & front focused. AC Frequencies of 20 – 100 Hz, Intrinsically safe PVC housing theoretically able to withstand a 50,000 volt shock)
- X2 signal light sticks (one red, one yellow)
- X1 SCBA Mask bag with 3 smoke detectors and a spare 9 volt battery

Bottom Shelf

- TIF Combustible Gas Detector (Visual and Audible indicators, variable sensitivity as low as 5ppm (gasoline), 30 second warm up time, instantaneous response-time, Approx. 4 hour run-time battery life, 15" probe, 16 oz weight, operating temp range 32-125 degrees F, 4.8v rechargeable Ni-Cad batteries)
- Q-ray 4 gas monitor (with battery charger)

Gas	Low Alarm	High Alarm
-----	-----------	------------

O2	19.5%	23.5%
CO	35 ppm	70 ppm
H2S	10 ppm	20 ppm
LEL (Calibrated to Pentane)	10%	20%

- Digital Camera
- Bin of smoke detectors
- Bin of Educational Information (Pamphlets, stickers)
- Spare Glucometer

**Netted Storage Area**

**Top Shelf**

- AED with adult and Peds pads
- C-Collar Bag (four adult collars, four ped collars, Trauma shears, 2" medical tape, set of headblocks)
- Orange Med kit

**Bottom Shelf**

- O2/airway kit
  - Main Compartment
    - O2 Cylinder with regulator
    - X3 non-rebreather masks
    - X3 nasal cannulas
    - X2 nebulzers each with 2 2.5 mg doses of albuterol and 1 dose of Isopro7
    - X1 nebulzer with bag valve mask attachment (includes medications listed above)
    - X2 CPAP Masks
  - Front compartments
- Rope bag with 150' Kern Mantle Static life safety rope 3/4" diameter

**Apparatus specifications**

- Crimson engine/Spartan Chassis
- 1500gpm Waterous pump (6 large diameter discharges at 250gpm)
- 500 gallon water tank
- X2 20 gallon foam tanks (X1 US foam class A/B, X1 Microblaze)
- Apparatus length 33'

**E – 6502**

**Unit 6502, 2007 Crimson Heavy Rescue Pumper, VIN - 4S7AU2F908C061013,  
Plate 829-DYI, Title #10R866992**

**Listed Equipment Attached**

**(Leased)**

**NOTE: The Following Questions remain regarding this Unit:**

- **Lease is not assignable**
- **City of Englewood will retain ownership and Denver will operate**
- **City of Englewood will insure and remain liable for Unit through the end of the lease term**
- **At the end of the lease term will the Unit title be transferred**

**NOTE: DENVER WILL BE TAKING THIS VEHICLE**

**INSURANCE**

- **The Denver Fire Department will be using this vehicle while the City of Englewood will continue to make the lease and liability insurance payments.**
- **Englewood's cost of insurance for this vehicle is \$1,261.00 per year, and the insurance deductible is \$150,000.**



**Engine 22**  
**Station 22: Telon Station**  
**3075 S. Telon St.**  
**Office: 3/762-2483**  
**Battalion Chief: 3/762-2477**



Compartments

DOE outside cab Front compartment

- X1 DOE SCBA

DOE outside cab Rear Compartment

- X1 Foam fill hose
- X1 Extension cord to plug truck shore line into trucks generator

DOE side First compartment:

- Pump Panel
- X2 Pre connects, 200', 1 1/2" hose lines with TFT Mid-Force nozzles (Both lines are foam capable)
- X2 7 way spanners (couple hose, uncouple hose, nail puller, gas shutoff, door wedge, pry tool, striking tool)
- X2 LDH Spanners
- X1 set of Irons

DOE side Second compartment:

- x1 Foam Jet-Lx tip (Foam aspirator, Foam Jet-Low Expansion-Mid Force Hand line) FJ-LX-HM
- x1 1 1/8" Smooth bore nozzle w/1 1/2" breakaway (1 1/8": 266gpm @ 50psi)
- x1 gated wye (ball valve) 2 1/2" to double 1 1/2"
- X1 2 1/2" Task Force tip Hand Line adjustable pattern automatic fog nozzle (95-300gpm @ 100psi)
- x1 2 1/2" gate valve
- x2 mattress hooks (hay hooks)
- x1 Siamese (double 2 1/2" to single 2 1/2")
- x1 smooth bore nozzle w/ 1", 1 1/8", 1 1/2" orifice (210gpm, 266gpm, 328gpm @ 50psi)
- X1 garden hose (100', for decontamination operations)
- X1 duel 2 1/2" to storz (monitor base/Siamese)
- X1 storz to 2 1/2" reducer/expander
- X1 Hydrant wrench
- X1 mallet (dead-blow)
- Smooth bore master orifices: 1 3/8", 1 1/2", 1 3/4", 2" + stream straightener (502gpm, 598gpm, 814gpm, 1063gpm @ 80psi)
- x2 LDH spanners
- Bressnan distributor nozzle (AKA Cellar nozzle 9 holes, 480gpm @100psi, 18' broken stream radius, 9 orifices measurements: 3 @ 13/16" and 6 @ 1/2" )
- ADAPTERS: 1 1/2" cap, x1 1 1/2" NH to NP (national hose to national pipe), x1 1 1/2" NP to NH, x1 1 1/2" duel male NH, x2 1 1/2" duel female NH, x2 NH to NP, x1 2 1/2" smooth bore adaptor, x5 2 1/2" duel male NH, x5 2 1/2" duel female.
- Tool Box
- Sprinkler Kit
- Rabbit Tool (Hydra-Ram)
- 2 Scoop Shovels
- Plug & Dike
- Bucket of dry sweep w/ trash bags
- Empty 5 gallon bucket
- Air Chisel, Impact wrench, Pneumatic Ratchet (Ajax tool works 90-150 psi, 1,400 blows/min 120 psi average)
- Air Tool Kit: Hose and Regulator
- Plug Kit: Wax ring, Putty

Underneath:

- X2 tire chocks ('bear traps')

**DOE side Third compartment:**

- X2 Rescue Saws (Stihl T5-400 Saw RPM at 5350 max, one with a steel blade the other with a Piranha Blade)
- X2 Chain Saws (Stihl M5 460, 3 in a row or 6 total, 2,500 rpm idle speed)
- X1 Acetylene Torch
- X1 Chain Saw Kit
- Spare Rescue Saw Blades (6 masonry, 5 metal cutting 5400 rpm)
- Spare Bullet Chains
- Hose Roller Edge protection (Edge Prot)

**DOE side middle drawer:**

- X2 Push Brooms / handles
- X1 3/8" Bolt Cutter
- X1 12" Channel Lock Pliers
- X1 6lb. pick axe
- X1 15" Crescent (adjustable) wrench
- X1 8" Vise Grip Pliers
- X4 hose strap
- X1 roll duct tape
- X1 Hydrant Wrench
- TFT Piercing nozzle (125gpm @ 100psi), Maximum operating pressure of 200 psi, capable of penetrating one layer cinderblock, two layers brick, 3/4" plywood or 1/16" thick steel plate)
- Battering Ram

**Front Rear wheel compartment**

- X1 gas can 1 gallon (unleaded)
- X2 can 50:1 saw Pre-mix fuel
- X1 funnel
- X1 scoop
- X1 Cooper hose Jacket (maximum operating pressure 150psi, classified 'tool' by IFSTA pg 649)

**Back Rear wheel compartment**

- Diesel fuel fill
- Floor dry fill and dispense underneath apparatus behind rear left tire

**DOE side rear compartment:**

- Lampe High Pressure Air Bags (145 psi 16' long air hoses)

Quantity	Size	Tons	Cub/ft air	Rise
1	24"x24"	39.5	16.6	7-13.5" / 13"
2	16"x16"	7.3	4.8	5-9.6" / 9"
2	12"x12"	9.7	2.2	4-7.2" / 7"
1	9.5"x9.5"	5.7	.8	3-5.6 / 5"

- Lampe low Pressure Air Bags (14 psi 16' long air hoses)

Quantity	Size	Tons	Cub/ft air	Rise	Model
1	48"x31"	9	14	12-20"	PIHow #25
1	33"x25"	8	26	25-35"	High Lift #50

- X1 13' little giant ladder (11' maximum working length, 300lbs capacity, NOT fire rated)
- 2x High Rise Bags: 3' section of light weight 2 1/2" hose to gated wye to 100' light weight 1 1/2" hose to a Task Force Tip Mid Force automatic fog nozzle (70-200 gpm @ 100 psi w/low flow setting of 30 to 70psi), X1 NH to NP 1 1/2" adaptor, X1 NP to NH 1 1/2" adaptor, X2 7 way spanners, X1 10" pipe wrench
- 2x 2.5" 50' lightweight hose
- Trash Hook

- Res-Q-Jacks:
  - 2x Space Saver Adjustable Stand (4,000 lbs @ 72")
    - 36.5" Collapsed
    - 90" Extended
    - 2 Cam Buckle Straps 750 lbs working load
    - Weight 49.5
  - 2x Space Saver Adjustable Jacks (4,000 lbs lifting)
    - 36.5" Collapsed
    - 90" Extended
    - 12" + Jack Travel
    - 2 Cam Buckle Straps 750 lbs
    - Channel, Round Point, Chain Grab End Fitting (CRG)
    - Weight 42 lbs
  - 4x Chain and hook assembly with 4' of chain (Hooks Rated 3,900 lbs)
    - Large 8" J Hook
    - T Hook
    - Small J Hook
    - Chain Shortening
  - 1x Chain and hook assembly with 4' of chain (hooks rated 3,900 lbs)
    - Large 15" J Hook
    - Small J Hook
    - T Hook
    - Chain Shortening
  - 4x Small Clusters (No Large "J" Hook or 4' length of chain) 3,900 lbs
  - 1x 16' Lifting Chain (7,100 lbs working load)
  - 2x Picket anchor stakes 4' long and 20" long
  - 2x 2" by 27' Heavy Duty Ratchet Straps 3,300 lbs (with 3/8" Chain)
  - 3x 2" by 27' Medium Duty Ratchet Straps 2,000 lbs w/snap hooks
  - 2x 2" by 27' Heavy Duty Ratchet Straps 3,300 lbs w/ wire hooks

#### Rear End compartment:

- X5 19" traffic cones
- X1 monitor base with tie off strap and Safe-Tak valve \*do not use at less than 35 degrees\*
- X1 Sampson hose clamp (can be used with 1 1/2", 1 3/4", 2"-150-300 psi flowing and 200 psi static, 2 1/2", and 3" 100-500 psi flowing and 125 psi static, double jacketed woven hose do not use on plastic or rubber coated hose, Stand upstream when clamping 20' from apparatus and 5' from coupling, always stand upside of stream while clamping)
- X1 35lbs ABC extinguisher (rated: 20-A, 120-B, & C, Ammonium phosphate base, pressurized with nitrogen to 195psi, tested to 585psi, hose tested to 500psi/ operating pressure 250 psi)
- X1 CO2 26 lb. extinguisher (rated: 10-B, & C, with 4" horn orifice, Operating temps between -40-120 degrees, Pressure test to 3000PSI, Operating pressure 800-900psi at 70 degrees, operate 10' from fire PASS)
- Winch
- Winch kit (Containing tow strap and pulley)
- Hydraulic bottle jacks (2x 20 ton, and 2x 10 ton)

#### Hydrant bag:

- X1 5" /stortz adaptor
- X1 5" Denver thread adaptor
- X1 2 1/2" to double 1 1/2" gated wye
- X1 1 1/2" NH to NP adapter
- X1 1 1/2" NP to NH adapter
- Hydrant wrench
- Littleton Hydrant wrench
- X2 7 way spanners (couple hose, uncouple hose, nail puller, gas shutoff, door wedge, pry tool, striking tool)
- X2 Large spanners
- X1 2 1/2" cap

- X1 2 1/2" double female adaptor (NH)
- X1 2 1/2" double male adaptor (NH)

**Officer side rear compartment:**

**Top Shelf:**

- X2 100' Twin Line Amkus Hydraulic Lines on electric rolls
- X1 Amkus Model 30CX Spreader (10,500 psi operating pressure, 16,950 lbs max spreading force, 32" max spreading distance, weight: 47.5 lbs)
- X1 Amkus 21 Cutter (10,500 psi operating pressure, 72,000 lbs max cutting force, 6" spread)
- X1 Amkus Model 40R Ram (10,500 psi operating pressure, 30,650 lbs extending force, 14,400 lbs pulling force, length 25.4" retracted 40" extended)
- X2 Holmatro "Core" Hydraulic Lines (32' long)
- Holmatro Spreader (Model 4242-UL, 10,500 psi Allowable Operating Pressure, 19,595 lbs Max and 8,800 lbs min- Spreading force measured at the back of tip, 11,200 lbs max and 6,225 lbs Min-pulling force, 27 max spreading distance, weight: 39 lbs, temp range -4 to +176 degrees F)
- Holmatro Cutter (Model 4050-NCT, 10,500 psi allowable Operating Pressure, 208,000 lbs Max Cutting Force, 7 1/8" Opening at tips, weight: 40 lbs, temp range -4 to +176 degrees F)

**Bottom Shelf:**

- Holmatro Hydraulic Pump (DPU31, 3.5 hp 4 stroke, Two stage senses leaks and shuts down, capable of hot swap)
- Step Chalks
- Box of Cribbing (Various sizes)

**Officer side third compartment:**

- Carry-alls
- Tarps
- Floor runners
- Savage covers
- Hazmat bags

**RIT Bag:**

- X1 60 minute SCBA bottle (87 cubic ft of air at 4500psi)
- Rit Bag Containing:
  - X1 MMR
  - X1 SCBA Mask
  - X1 pair of trauma sheers
  - X1 utility knife
  - X1 pair channel-lock pliers
  - X1 pair tin snips
  - X1 heavy tow/haul strap (5', 12,000lbs)
  - X2 aluminum carabiners
  - X1 rope bag (150' 6mm kern mantel rope)

**Officer side middle drawer:**

- K-tool
- X1 4' pike pole with d handle
- X1 panic door unlock tool
- X1 36" bolt cutters (maximum cutting capacity of 7/16 hard metals and 9/16 soft metals, with replaceable cutting heads)
- X1 12lb Sledge hammer
- X1 33" pipe wrench
- X1 6lb pick head axe
- X1 6lb Flat head axe
- X2 utility knives
- X1 Pry bar
- X1 Crow bar

**Wheel compartments front and back:**

- X6 air cylinders (30 min. bottles each holding 45 cu/ft air)

**Officer second compartment:**

**Top Shelf:**

- X2 500w Portable scene lights
- X2 50' extension cords
- Pig tails/adapters

**Middle Shelf:**

- X1 Dewalt Battery charger and spare battery
- Dremel tool
- X1 110v Reciprocating saw
- X1 hard case containing two Recp saw blade pouches, drill bits.
- Milwaukee Reciprocating Saw

**Dewalt Cordless Tools**

- X1 Drill
- X1 Grinder
- X2 Reciprocating Saws
- X1 Flashlight
- X1 Circular Saw

**Bottom Shelf:**

- X1 PPV Gas Fan (SuperVac Model 718g4-h, 7 bladed 18" airfoil propeller, 4 cycle 6.5 horsepower engine, rated at 15,590 cfm, 3535rpm, approx: 82lbs, 94 decibels at 7 meters, 110 minute runtime) 18 degree optimum operating angle @ 6'
- X1 PPV Electric Fan (SuperVac 14,600 cfm)

**Officers side front compartment:**

- Pump Panel- 5" Intake, 5" Discharge, 2 1/2" Discharge
- Mounted cord reel 200' with Junction Box
- X2 Pre connects, 200', 1 1/2" hose lines with TFT Mid-Force nozzles (Both lines are foam capable)
- X1 2 1/2 gallon water/microblaze mix extinguisher (rated: 2-A)
- X1 6' D-handled, fiberglass shaft, drywall hooks (AKA Cat's paw or plaster hook)
- X2 7 way spanners (couple hose, uncouple hose, nail puller, gas shutoff, door wedge, pry tool, striking tool)
- X2 LDH Spanners
- X1 set of irons

**Officer side rear cab compartment:**

- Tool Bag

**Officer side front cab compartment:**

- Officer Air Pak

**Up Top "Coffin" Compartment**

- X2 6', 8', 10' fiberglass handled pike poles
- Stokes Basket
- Stokes Basket rigging kit
- Back Board
- Tri-pod
- Water-vac with hoses
- X2 spade shovel
- X2 Square point shovel
- 5 gallon bucket of Absorbent
- 5 gallon bucket rehab mister fan
- Pop up shade tent

**LP Top Small Compartment**

- Sump-pump (Positive displacement pump uses a geared mechanism for water movement, cannot plug discharge hose while operating, 120 gal. per hr. 10' max height)
- 50' section of 1 1/2" for sump-pump
- Visqueen

**Ladder Rack**

- X1 35' 3 section ladder
- X1 14' roof ladder
- X1 10' folding attic ladder
- X1 10', 8', 6' fiberglass handled pike pole

**Hose Bed**

- 1,000' of 5" LDH
- 200' of lightweight 2 1/2" preconnected triple stack load with attached 7 way bale adjustable pattern automatic fog nozzle (50-350gpm @ 100psi)
- 800' of lightweight 2 1/2" hose.

**Pre-connects**

- X2 200', 1 1/2" hose lines with TFT Mid-Force nozzles (Both lines are foam capable)

**Inside Cab**

**Roll-up cabinet in FF area**

- X1 AC Hotstick (3 settings: high/low sensitivity & front focused. AC Frequencies of 20 – 100 Hz, Intrinsically safe PVC housing theoretically able to withstand a 50,000 volt shock)
- X2 signal light sticks (one red, one yellow)
- X1 SCBA Mask bag with 3 smoke detectors and a spare 9 volt battery
- Heat Gun/Electrical sensor
- X1 Thermal Imaging Camera (TIC: SCOTT Eagle Imager 160, 4.2 lbs., 4" LCD screen, three mode 'twist change': hands free, hands on, and crawl. 1,100 degree dynamic range, Made of HHRP 'Heat & hit resistant polymer, 'twist change' battery approx. 4 hr service life)
- TIF Combustible Gas Detector (Visual and Audible Indicators, variable sensitivity as low as 5ppm (gasoline), 30 second warm up time, instantaneous response-time, Approx. 4 hour run-time battery life, 15" probe, 16 oz weight, operating temp range 32-125 degrees F, 4.8v rechargeable Ni-Cad batteries)
- Q-ray 4 gas monitor (with battery charger)

Gas	Low Alarm	High Alarm
O2	19.5%	23.5%
CO	35 ppm	70 ppm
H2S	10 ppm	20 ppm
LEL (Calibrated to Pentane)	10%	20%

- Digital Camera
- N95 masks
- Chempro Chemical detector
- TIC battery charging station with spare TIC battery

**Netted Storage Area**

**Top Shelf**

- AED with adult and Peds pads
- X1 spare O2 cylinder
- X1 spare c-collar
- Air Spillants

- C-Collar Bag (four adult collars, four ped collars, Trauma shears, 2" medical tape, set of head blocks)
- Orange Med kit

**Bottom Shelf**

- O2/airway kit
- Rope bag with 150' Kern Mantle Static life safety rope 3/4" diameter 3:1

**Apparatus specifications**

- Crimson engine/Spartan Chassis
- 1500gpm Waterous pump (6 large diameter discharges at 250gpm)
- 500 gallon water tank
- X2 20 gallon foam tanks (X1 US foam class A/B, X1 Microblaze)
- Apparatus length'

**E - 6503**

**Unit 6503, 2008 Chevrolet Silverado 2500, VIN - 1GCHK23658F223491, Plate 094-FIJ  
Title #10R898001**

**Listed Equipment Attached**

**E – 6504**

**Unit 6504, 2009 Bauer TCOM-25 Trailer/Compressor, VIN – 1B9PE12229N730150,  
Plate 491-CEH, Title #10R952424**

**No Equipment Listed**

**E - 7388**

**Unit 7388, 2005 Chevrolet Impala - Silver, VIN - 2G1WF52K959349118, Plate 441-LIV  
Title #10R738508**

**No Equipment Listed**

**E - 7389**

**Unit 7389, 2005 Chevrolet Impala - Red, VIN - 2G1WF52K659349271, Plate 440-LIV  
Title #Unknown**

**No Equipment Listed**

**E - 7390**

**Unit 7390, 2005 Chevrolet Impala - Grey VIN - 2G1WF52K359352614, Plate 445-LIV  
Title #Unknown**

**No Equipment Listed**

**E - 6475**

**Unit 6475, 1930 Ford Firetruck, VIN - AA4033258, Plate 166868, Title # 10P861715**

**NOTE: The City of Englewood will retain this vehicle**

**E – 6474**

**Unit 6474, 1948 Chevrolet Ambulance, VIN – FAA414680, Plate 43C393, Title #10P860335**

**NOTE: The City of Englewood will retain this Vehicle**

**Exhibit E - I**

**MISCELLANEOUS EQUIPMENT**

**Extrication Equipment – List Attached**

**Exhibit E – II**

**FIRE STATION INVENTORY**

**Tejon Station, Acoma Station, Jefferson Station**

**List Attached**

**Exhibit E – III**

**ELECTRONICS**

**I-Pads, I-Phones, Dura XT, Samsung Galaxy, Airave, Jsvejar Modem, Gobi Connection, Panasonic,  
Surface**

**List Attached**

**Exhibit E – IV**  
**SPARE FIRE TRUCK PARTS**  
**List Attached**

**Exhibit E - V**

**List of IT Equipment at Acoma, Jefferson, and Tejon Fire Stations**

# **ACOMA FIRE STATION**

**IT INFRASTRUCTURE**

# **JEFFERSON STATION**

**IT INFRASTRUCTURE**

# **TEJON STATION**

**IT INFRASTRUCTURE**

**Exhibit E - VI**  
**WILDLAND EQUIPMENT**  
**List Attached**  
**(IN STORAGE AT THE SERVICE CENTER)**

**Exhibit E – VII**  
**EQUIPMENT GOING TO DENVER FIRE DEPARTMENT**

**Exhibit E – VIII**

**EQUIPMENT REMAINING WITH THE CITY OF ENGLEWOOD**

**EXHIBIT F**

**AMBULANCE VEHICLES and EQUIPMENT**

**The following vehicle(s)/equipment will be going to the Denver Fire Department**

Equipment #	Description	VIN/Serial #	License	Title #
Unit 6353	2009 Chevrolet Cut Away CC4V042	1GBE4V1929F402606	273-UHF	10B094378
Unit 6354	2012 Dodge Ambulance	3C7WDMCL6CG210455	453-YOM	10B106384

Including the Listed Equipment currently on the Vehicles as set forth on Exhibit F-6353 and Exhibit F-6354

**F 6353**

**Unit 6353    2009 Chevrolet Cut Away CC4V042, VIN 1GBE4V1929F402606,  
Plate 273-UHF, Title # 10B094378**

**Listed Equipment Attached**

**NOTE: DENVER WILL BE TAKING THIS VEHICLE**

## Equipment on Medic units

Non- medical supplies other than Narc's

2- Tough pads

2- Portable radios w/carriers

1-Knox box w/key

1-Suction unit

1-Pediatric kit, (filled from inventory list)

1-Medical box W/meds (filled from inventory list)

MEDICATIONS "NARC'S"kit Fentanyl, Ketamine, Versed.

Triage Tarps, 1-GRN, 1-Yellow & 1-Red

2-3, Long spine boards w/straps

1-Ferno Scoop

2- Scott SCBA's

2- Spare SCBA bottles

2- Survivor hand lights (stream light)

2- Vulcan Box lights

1-Jumper cables

Assorted cribbing

1-Hydrant wrench

1-Porta-power

1-Tool box assortment of hand tools

1-Box Air Chisel w/tips

1-Come-a-long

2-Dry Chem Extinguishers

1-Flat head axe

1-Halligan

1-Orange CPR kit (supplies filled from inventory list)

1-Red O2 kit (supplies filled from inventory list)

1-Life Pack 15 w/on board charger

1-Masimo- SPO2 CO monitor

1-Striker Pram w/spare battery

1-Saline cooler

1-Striker Stair chair

2-Clark headsets

2-Safety vests

## Medical Supply Inventory

	Item Description	Qty	restk		Item Description	Qty	restk	
Airway	2.5 ET Tube	2		Airway and O2 Delivery	Suction Canister/with lid	2		
	3.0 ET Tube	2			Suction Easy manual suction	1		
	3.5 ET Tube	2			10 Ga Decompression Needles	2		
	4.0 ET Tube	2			King Airway Size #5	1		
	4.5 ET Tube	2			King Airway Size #4	1		
	5.0 ET Tube	2			King Airway Size #3	1		
	5.5 ET Tube	2			Adult Oxygen Masks	20		
	6.0 ET Tube	2			Adult Nasal Cannulas	20		
	6.5 ET Tube	2			Child Oxygen Masks	5		
	7.0 ET Tube	2			Child Nasal Cannulas	5		
	7.5 ET Tube	2			Infant Oxygen Masks	2		
	8.0 ET Tube	2			Infant Nasal Cannulas	2		
	8.5 ET Tube	2			Nebulizers	5		
	9.0 ET Tube	2			Nebulizers-inline	2		
	Adult Stylettes	5			Adult BVM	2		
	Pedi Stylettes	2			Pedi BVM	1		
	Adult ET Tube Holders	5			Infant BVM	1		
	Pedi ET Tube Holders	2			CPAP, Large adult	2		
	LP12 ETCO2 Cannulas	5			CPAP, Small adult	2		
	LP12 ETCO2 ET adaptors	5			CPAP, Child	1		
	Bum Cap	2						
	Cric Kit	1			IO	Pedi IO	2	
	100mm OPA	2				Adult IO	2	
	90mm OPA	2				XL IO	2	
	80mm OPA	2				Pressure Bag	1	
	70mm OPA	2						
	60mm OPA	2			ECG	Adult Electrodes	3 bx	
	50mm OPA	2				Pedi Electrodes	2 pks	
	40mm OPA	2				Adult Quick Combo Pads	2	
	34fr NPA	2				Pedi Quick Combo Pads	2	
	32fr NPA	2				Lifepak-12 Paper	2	
	30fr NPA	2				Prep Razors	5	
	28fr NPA	2			C-Spine	Adult Stifneck Select	10	
	26fr NPA	2				Pedi Stifneck Select	2	
	24fr NPA	2				Head Beds	10	
	22fr NPA	2				Head Blocks	5	
	20fr NPA	2				Spare Backboard Straps	2	
	18fr NPA	2			BSI	Medium Latex Exam Gloves	3	
	16fr NPA	2				Large Latex Exam Gloves	5	
	14fr NPA	2				X-Large Latex Exam Gloves	5	
12fr NPA	2			Medium Latex-Free Exam Gloves	1			
18fr Suction Catheters	2			Large Latex-Free Exam Gloves	1			
16fr Suction Catheters	2			X-Large Latex-Free Exam Gloves	1			
14fr Suction Catheters	2			Medical Gowns	5			
12fr Suction Catheters	2			Goggles	5			
10fr Suction Catheters	2			Medical Masks	1 bx			
8fr Suction Catheters	2			Face Shields	10			
Yankauer Suction Tubing	2			Small TB Masks	5			
Yankauer Suction Tip	2			Medium TB Masks	5			
20cc Mucus Trap	2			Large TB Masks	5			
KY Jelly	10			Disinfectant Spray	1			
Pocket bougie	1			Disinfectant Wipes (Sanidex)	1			
#15 Scalpel	1			Hand Liquid Sanitizer	1			

Date \_\_\_/\_\_\_/\_\_\_

Medic 21

	Item Description	Qty	restk		Item Description	Qty	restk	
Bandages	Kerlix	5		Syringes	3cc Syringes	10		
	4x4's	1 bx			5cc Syringes	10		
	2x2's	1 bx			10cc Syringes	10		
	Surgi/Abdominal Pads	5			20cc Syringes	5		
	Coban	5			30cc Syringes	5		
	Vaseline Gauze	2			Misc	Bio-Hoops	10	
	Triangular Bandages	5				Emesis Basins	5	
	Sterile Eye Pads	4				Tongue Depressors	5	
	2" Band-aids	1 bx				OB Kit	2	
	1" Band-aids	1 bx				Thermoscan Covers	1 pk	
	Sam Splints	2				Hot Packs	5	
	Trauma Dressings	2				Cold Packs	10	
	Burn Sheets	2				Ammonia Inhalants	10	
	Trauma Shears	2				Permanent Black Marker	1	
	1" Surgical Tape	6				Pen Light	2	
	2" Surgical Tape	3				Ring Cutter	1	
	IV	14 Ga Angiocath	10				Mucosal Atomization Device	2
16 Ga Angiocath		10		Restraints		4		
18 Ga Angiocath		1 bx		Commercial tourniquet		2		
20 Ga Angiocath		1 bx		Meds		Albuterol	20	
22 Ga Angiocath		5				Adenosine 12mg	2	
24 Ga Angiocath		5				Amiodarone	3	
18 Ga Blunt Tip Needles		10			Aspirin (bottle)	1		
18 Ga Needles		10			Atropine	3		
20 Ga IM Needles		5			Atrovent (Ipratropium)	10		
19 Ga Butterfly Needles		2			Benadryl (Diphenhydramine)	2		
21 Ga Butterfly Needles		2			Dextrose 25%	2		
23 Ga Butterfly Needles		2			Dextrose 50%	3		
25 Ga Butterfly Needles		2			Dopamine (400mg)	1		
Arm Boards		2			Epi 1:1	3		
Jamshidi Intraosseous Needle		1			Epi 1:1 (multi-dose)	1		
Tourniquets		10			Epi 1:10	6		
Tourniquets (Latex Free)		5						
Macro drip Infusion Set		30			Glucose Paste (tube)	3		
Micro drip Infusion Set		5			Haldol (Haloperidol)	2		
Blood Pump		10			Calcium Gluconate	2		
Burette 150cc		2			Lidocaine Jelly	2		
Normal Saline 1000cc		30			Lidocaine for EZIO	2		
5% Dextrose 250cc		2			Magnesium Sulfate	2		
Normal Saline 50cc		2			Narcan (Naloxone)	2		
Sterile Irrigation Solution		2			Nitroglycerine (spray/pill)	1		
Vacutainer Blood Tube Holders		30			Racemic Epi	1		
Alcohol Wipes		1 bx		Sodium Bicarb 4.2%	1			
Adult Veni Gaurds		50		Sodium Bicarb 8.4%	2			
Accu-Check Test Strips		1		Solu-Medrol	2			
Multi-sample Luer Adaptor		1 bx		Intranasal (Phenylephrine)	2			
Lancets		1 bx		Topical Ophthalmic	2			
3 Way Stopcocks		1		Zofran Oral \ IV	6 \ 4			
Sm Sharps Container (spare)		1		Blood tubes	Red top	30		
Wall Mount Sharps Box (spare)		1			Green top	30		
10cc Saline flush/hubs		30			Lavender top	30		
1cc TB Syringe		5			Blue top	30		

**F 6354**

**Unit 6354    2012 Dodge Ambulance, VIN 3C7WDMCL6CG210455,  
Plate 453-YOM, Title # 10B106384**

**Listed Equipment Attached**

**NOTE: DENVER WILL BE TAKING THIS VEHICLE**

## Equipment on Medic units

Non- medical supplies other than Narc's

2- Tough pads

2- Portable radios w/carriers

1-Knox box w/key

1-Suction unit

1-Pediatric kit, (filled from inventory list)

1-Medical box W/meds (filled from inventory list)

MEDICATIONS "NARC'S"kit Fentanyl, Ketamine, Versed.

Triage Tarps, 1-GRN, 1-Yellow & 1-Red

2-3, Long spine boards w/straps

1-Ferno Scoop

2- Scott SCBA's

2- Spare SCBA bottles

2- Survivor hand lights (stream light)

2- Vulcan Box lights

1-Jumper cables

Assorted cribbing

1-Hydrant wrench

1-Porta-power

1-Tool box assortment of hand tools

1-Box Air Chisel w/tips

1-Come-a-long

2-Dry Chem Extinguishers

1-Flat head axe

1-Halligan

1-Orange CPR kit (supplies filled from inventory list)

1-Red O2 kit (supplies filled from inventory list)

1-Life Pack 15 w/on board charger

1-Masimo- SPO2 CO monitor

1-Striker Pram w/spare battery

1-Saline cooler

1-Striker Stair chair

2-Clark headsets

2-Safety vests

## Medical Supply Inventory

	Item Description	Qty	restk		Item Description	Qty	restk	
Airway	2.5 ET Tube	2		Airway and O2 Delivery	Suction Canister/with lid	2		
	3.0 ET Tube	2			Suction Easy manual suction	1		
	3.5 ET Tube	2			10 Ga Decompression Needles	2		
	4.0 ET Tube	2			King Airway Size #5	1		
	4.5 ET Tube	2			King Airway Size #4	1		
	5.0 ET Tube	2			King Airway Size #3	1		
	5.5 ET Tube	2			Adult Oxygen Masks	20		
	6.0 ET Tube	2			Adult Nasal Cannulas	20		
	6.5 ET Tube	2			Child Oxygen Masks	5		
	7.0 ET Tube	2			Child Nasal Cannulas	5		
	7.5 ET Tube	2			Infant Oxygen Masks	2		
	8.0 ET Tube	2			Infant Nasal Cannulas	2		
	8.5 ET Tube	2			Nebulizers	5		
	9.0 ET Tube	2			Nebulizers-inline	2		
	Adult Stylettes	5			Adult BVM	2		
	Pedi Stylettes	2			Pedi BVM	1		
	Adult ET Tube Holders	5			Infant BVM	1		
	Pedi ET Tube Holders	2			CPAP, Large adult	2		
	LP12 ETCO2 Cannulas	5			CPAP, Small adult	2		
	LP12 ETCO2 ET adaptors	5			CPAP, Child	1		
	Bam Cap	2						
	Cric Kit	1			IO	Pedi IO	2	
	100mm OPA	2				Adult IO	2	
	90mm OPA	2				XL IO	2	
	80mm OPA	2				Pressure Bag	1	
	70mm OPA	2						
	60mm OPA	2			ECG	Adult Electrodes	3 bx	
	50mm OPA	2				Pedi Electrodes	2 pks	
	40mm OPA	2				Adult Quick Combo Pads	2	
	34fr NPA	2				Pedi Quick Combo Pads	2	
	32fr NPA	2				Lifepak-12 Paper	2	
	30fr NPA	2				Prep Razors	5	
	28fr NPA	2			C-Spine	Adult Stifneck Select	10	
	26fr NPA	2				Pedi Stifneck Select	2	
	24fr NPA	2				Head Beds	10	
	22fr NPA	2				Head Blocks	5	
	20fr NPA	2				Spare Backboard Straps	2	
	18fr NPA	2			BSI	Medium Latex Exam Gloves	3	
	16fr NPA	2				Large Latex Exam Gloves	5	
	14fr NPA	2				X-Large Latex Exam Gloves	5	
12fr NPA	2			Medium Latex-Free Exam Gloves	1			
18fr Suction Catheters	2			Large Latex-Free Exam Gloves	1			
16fr Suction Catheters	2			X-Large Latex-Free Exam Gloves	1			
14fr Suction Catheters	2			Medical Gowns	5			
12fr Suction Catheters	2			Goggles	5			
10fr Suction Catheters	2			Medical Masks	1 bx			
8fr Suction Catheters	2			Face Shields	10			
Yankauer Suction Tubing	2			Small TB Masks	5			
Yankauer Suction Tip	2			Medium TB Masks	5			
20cc Mucus Trap	2			Large TB Masks	5			
KY Jelly	10			Disinfectant Spray	1			
Pocket bougie	1			Disinfectant Wipes (Sanidex)	1			
#15 Scalpel	1			Hand Liquid Sanitizer	1			

Date \_\_\_/\_\_\_/\_\_\_

Medic 21

	Item Description	Qty	restk		Item Description	Qty	restk	
Bandages	Kerlix	5		Syringes	3cc Syringes	10		
	4x4's	1 bx			5cc Syringes	10		
	2x2's	1 bx			10cc Syringes	10		
	Surgei 'Abdominal Pads	5			20cc Syringes	5		
	Coban	5			30cc Syringes	5		
	Vaseline Gauze	2			Misc	Bio-Hoops	10	
	Triangular Bandages	5				Emesis Basins	5	
	Sterile Eye Pads	4				Tongue Depressors	5	
	2" Band-aids	1 bx				OB Kit	2	
	1" Band-aids	1 bx				Thermoscan Covers	1 pk	
	Sam Splints	2				Hot Packs	5	
	Trauma Dressings	2				Cold Packs	10	
	Burn Sheets	2				Ammonia Inhalants	10	
	Trauma Shears	2				Permanent Black Marker	1	
	1" Surgical Tape	6				Pen Light	2	
2" Surgical Tape	3		Ring Cutter	1				
IV	14 Ga Angiocath	10		Mucosal Atomization Device		2		
	16 Ga Angiocath	10		Restraints		4		
	18 Ga Angiocath	1 bx		Commercial tourniquet		2		
	20 Ga Angiocath	1 bx		Meds		Albuterol	20	
	22 Ga Angiocath	5			Adenosine 12mg	2		
	24 Ga Angiocath	5			Amiodarone	3		
	18 Ga Blunt Tip Needles	10			Aspirin (bottle)	1		
	18 Ga Needles	10			Atropine	3		
	20 Ga IM Needles	5			Atrovent (Ipratropium)	10		
	19 Ga Butterfly Needles	2			Benadryl (Diphenhydramine)	2		
	21 Ga Butterfly Needles	2			Dextrose 25%	2		
	23 Ga Butterfly Needles	2			Dextrose 50%	3		
	25 Ga Butterfly Needles	2			Dopamine (400mg)	1		
	Arm Boards	2			Epi 1:1	3		
	Jamshidi Intrascissous Needle	1			Epi 1:1 (multi-dose)	1		
	Tourniquets	10			Epi 1:10	6		
	Tourniquets (Latex Free)	5						
	Macro drip Infusion Set	30			Glucose Paste (tube)	3		
	Micro drip Infusion Set	5			Haldol (Haloperidol)	2		
	Blood Pump	10			Calcium Gluconate	2		
	Burette 150cc	2			Lidocaine Jelly	2		
	Normal Saline 1000cc	30			Lidocaine for EZIO	2		
	5% Dextrose 250cc	2			Magnesium Sulfate	2		
	Normal Saline 50cc	2			Narcan (Naloxone)	2		
	Sterile Irrigation Solution	2			Nitroglycerine (spray pill)	1		
	Vacutainer Blood Tube Holders	30			Racemic Epi	1		
	Alcohol Wipes	1 bx			Sodium Bicarb 4.2%	1		
	Adult Veni Gaurds	50			Sodium Bicarb 8.4%	2		
	Accu-Check Test Strips	1			Solu-Medrol	2		
	Multi-sample Luer Adaptor	1 bx			Intranasal (Phenylephrine)	2		
	Lancets	1 bx			Topical Ophthalmic	2		
	3 Way Stopcocks	1			Zofran Oral . IV	6 + 4		
	Sm Sharps Container (spare)	1			Blood tubes	Red top	30	
	Wall Mount Sharps Box (spare)	1				Green top	30	
	10cc Saline flush/hubs	30				Lavender top	30	
1cc TB Syringe	5		Blue top			30		

**EXHIBIT G**  
**DENVER CIVIL SERVICE COMMISSION**  
**INFORMATION BOOKLET**  
**FIREFIGHTER – LATERAL APPOINTMENT**  
**PROCESSED THROUGH AN INTER-GOVERNMENTAL AGREEMENT**  
**BETWEEN THE CITY OF ENGLEWOOD, COLORADO AND THE CITY AND COUNTY OF**  
**DENVER, COLORAD FIRE DEPARTMENT**



DENVER CIVIL SERVICE COMMISSION



INFORMATIONAL BOOKLET <sup>1</sup>
FIREFIGHTER - LATERAL APPOINTMENT
PROCESSED THROUGH AN
INTER-GOVERNMENTAL AGREEMENT (IGA)

TRANSITION OF FIRE SUPPRESSION SERVICES
FROM
ENGLEWOOD, COLORADO TO THE
DENVER, COLORADO FIRE DEPARTMENT

MARCH, 2015

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1 NOTE: The provisions contained in this informational booklet do not create or constitute any contractual rights between or among the Civil Service Commission, the City and County of Denver and any individual applicant or employee. The provisions of this informational booklet are related to a proposed Inter-governmental Agreement to Provide Fire Protection between the City of Englewood, CO and the Denver, Colorado Fire Department

**PROPOSED ENGLEWOOD F.D.  
EXAMINATION AND SCREENING SCHEDULE**

For purposes of this Examination process, the Commission will waive the requirement for current Englewood Firefighters to take the Denver Entry-Level Firefighter Written Examination.

For purposes of this Examination process, current Englewood Firefighters will be required to provide (to the Denver Civil Service Commission) a copy of a current Candidate Physical Ability Test (CPAT) certification by April 24, 2015 in order to be placed on the appropriate Eligible Register.

<u>ACTIVITY</u>	<u>DATE</u>
Listing of applicants from Englewood F.D. to CSC	March 5
CSC sends applicants electronic copy of <i>Supplemental Application and Background History Form</i>	March 9
Notification from Denver CSC to Englewood applicants to create personal profile and apply through iCIMS	March 9
Application period	March 9 March 16
<i>Supplemental Application and Background History Form</i> due by	March 16
<i>Written Suitability Assessment</i> starting Note: As part of the <i>Written Suitability Assessment</i> , applicants must also complete a <i>Behavioral Questionnaire</i> .	March 18 (1:00 p.m.)
<i>Polygraph</i> and <i>Suitability</i> appointments begin	March 23
<i>Polygraph</i> results due by	March 30
CSC sends <i>Polygraph</i> results to Psychologist	March 30
<i>Suitability</i> results due from Psychologist by	April 3
<i>Background Interviews</i> begin	April 6
<i>Background Reports</i> from Investigators due	April 17
<i>Background</i> files sent to Commissioners for review	April 20
CPAT certification due by	April 24

Commissioners vote on review of <i>Background</i> files	May 1
Certification of names to Executive Director of Safety	May 1
Conditional Job Offers given by Executive Director of Safety	May 4
CSC to provide medical packets to applicants	May 4
<i>Written MMPI-2</i> administered	May 9 (7:00 a.m.) May 10 (7:00 a.m.)
<i>Psychological Review, Medical, and Drug Screens</i> begin	May 11    May 22
<i>Psychological, Medical, and Drug Screen</i> results due	May 26
Final Job Offers from Executive Director of Safety	May 29
Tentative Fire Academy start date	June 1

## INFORMATIONAL SUMMARY

### EEO/REQUEST FOR REASONABLE ACCOMMODATION

The City and County of Denver is an Equal Opportunity Employer. The Civil Service Commission and the Denver Fire Department, as agencies of the City and County of Denver, are committed to equal employment opportunity and compliance with all laws governing the application and hiring of suitable applicants for employment with the Denver Fire Department.

**If any applicant or prospective applicant requires reasonable accommodation (per the Americans with Disabilities Act) in order to participate in any examination phase noted herein, the applicant must advise the Commission in advance, in writing, and provide supporting medical documentation. Each request will be reviewed on a case-by-case basis. The submission of a request does not necessarily mean that the request will be granted.**

### SALARY AND BENEFITS

Pay and benefits for Denver Firefighters is determined by collective bargaining agreements between the City and County of Denver and local union officials. Generally, collective bargaining agreements are established for three-year increments.

<b>Pay Scale:</b>	<b>2015 Salary</b>
4 <sup>th</sup> Grade	\$49,079.00
3 <sup>rd</sup> Grade	\$54,365.00
2 <sup>nd</sup> Grade	\$60,405.00
1 <sup>st</sup> Grade	\$75,506.00

**Benefits:** Paid sick leave and vacation  
Medical and Dental insurance  
Uniforms and most equipment furnished  
Pension plan

Per City and County of Denver Charter §9.5.5 - Applicants who are employed as Denver Lateral Firefighters shall be appointed to Firefighter 4<sup>th</sup> Grade until successful completion of the Fire Academy. At such time, the Executive Director of Safety may continue the appointment as a Firefighter 4<sup>th</sup> Grade or may appoint the applicant, based upon merit, experience, or record to:

- The rank of Firefighter 3rd Grade, if that member has 3 years but less than 5 years prior Firefighter experience at the date of application.
- The rank of Firefighter 2nd Grade, if that member has more than 5 years but less than 8 years prior Firefighter experience at the date of application.
- The rank of Firefighter 1st Grade, if that member has 8 or more years prior Firefighter experience at the date of application.

The Lateral Firefighter may not contest the appointed rank and pay.

### **WORK SCHEDULE**

The work schedule consists of a 48-hour average work week. Each Firefighter works one day (24 hours) and then has two days (48 hours) off. Every seventh shift, each Firefighter is scheduled for an additional day off. At the discretion of the administration, Firefighters may also be assigned various other work schedules in accordance with their work assignments.

### **ACADEMY CLASS**

As a result of this examination for applicants from the Englewood Fire Department, applicants will be considered for a Firefighter Academy class anticipated to begin June, 2015.

### **THE ABILITY TO PERFORM THE ESSENTIAL JOB FUNCTIONS**

Applicants must be capable of performing the essential job functions of an entry-level Firefighter with or without reasonable accommodation. All phases of the examination are designed to measure an applicant's ability to perform the essential functions of the job. Please refer to the section Essential Firefighting Functions (pgs. 24-29). See also, Knowledge Areas on page 30.

### **CHANGE IN APPLICANT'S PERSONAL INFORMATION**

Applicants are required to notify the Commission in writing of any change in personal information such as address, telephone/cell number, and e-mail. Additionally applicants called on for further screening/processing, must notify the Commission in writing of any change to their *Supplemental Application* and/or *Background History Form* information.

## **DUTIES AND WORK RESPONSIBILITIES**

Under supervision, Firefighters respond to fire alarms with assigned company, and assist in extinguishing fires in the protection of lives and property; assist in cleaning and caring for apparatus, equipment, and quarters; administer first aid treatment; assist in rescue work in various emergencies; and inspect buildings for fire hazards and compliance with fire prevention ordinances. At various points in their careers, firefighters may also be assigned to work in support divisions such as, but not limited to, human resources, fire dispatch, or fire prevention. For additional information see the **Essential Firefighting Functions** section (pgs. 24-29).

## **JOB REQUIREMENTS**

**MAINTAINING PHYSICAL CONDITIONING:** Firefighters are required to maintain a specified level of physical stamina and conditioning throughout their career. Annual tests may be conducted to ensure compliance.

**MAINTAINING EMERGENCY MEDICAL TECHNICIAN (EMT) STATE CERTIFICATION:** E.M.T. Certification is not required prior to testing or hire. Initial certification will be received as part of the academy training. While employed with the Denver Fire Department, Firefighters are required to obtain and maintain certification as an EMT.

## **SOLICITATION OF PREFERENTIAL TREATMENT**

Solicitation or attempted solicitation (lobbying) in connection with any application or testing for original appointment, or for placement on an eligible register, or for certification for appointment to a position in the classified service, may be grounds for disqualification. This includes intervention on behalf of any applicant, outside of references and information provided in the background investigation process, by the respective department or any of its members, by a member of City Council, by any City official or City employee, or by a Commissioner or employee of the Commission. Personal references and letters of recommendation are considered during the background investigation only. An applicant may provide, as part of the background investigation process, letters of reference and the names, contact information, and nature of relationship for references he or she believes should be contacted during the background investigation.

## **QUESTIONS (?)**

If you have questions not covered in this summary, call the Civil Service Commission office at (720) 913-3371 (Monday-Friday, 7:00 a.m. to 5:00 p.m.) excluding holidays.

## MINIMUM QUALIFICATIONS

### GENERAL INFORMATION

**Applicants must meet all of the minimum qualifications.** Except as noted, any failure to meet one or more of the minimum qualifications will result in your automatic disqualification.

Please note that some qualification standards, regarding certain criminal and illegal drug related behavior, have particular age limits and/or time lines associated with them.

For example: "at age 21 or older" or "while under the age of 21"; within the past "sixty (60) months (5 years)", or within the past "one-hundred twenty (120) months (10 years)", or "during an individual's lifetime" ("*have you ever...*").

**Reviewing Definitions of Terms:** Your understanding of the General, Legal/Criminal, Illegal Drug, and Traffic related terms and offenses contained in this booklet is critical to your ability to determine if you meet the minimum qualifications. For a complete listing of Definitions of Terms, please refer to Commission Rule 1 located on our website at: [www.denvergov.org/civilservice](http://www.denvergov.org/civilservice). The link to "Commission Rules" can be located in the section titled About the Commission, on our homepage.

### BASIC MINIMUM QUALIFICATIONS

- **CITIZENSHIP:** Applicants must be citizens of the United States on or before the date of application. Acceptable proof of such must be presented if selected to proceed. Acceptable proof of United States citizenship shall include a birth certificate from within the United States, naturalization papers, a United States passport, or a Certificate of Live Birth Abroad of a United States Citizen.
- **COLORADO RESIDENCY:** Applicants must be bona fide residents of the State of Colorado at the time of appointment (hire). (There is no minimum time limit to establish residency.)
- **AGE:** Applicants must be at least twenty-one (21) years of age on or before the date of application. Acceptable proof of age will be required. Acceptable substitutes for a birth certificate include naturalization papers and/or a valid passport.
- **EDUCATION:** Applicants must have a high school diploma or a General Equivalency Diploma (GED) on or before the date of application. Acceptable proof of a high school diploma or GED certificate will be required. Acceptable substitutes for a high school diploma or GED certificate include an original certified high school transcript bearing the official school seal and showing graduation date, or an original letter from the school on the school's letterhead which verifies the graduation.
- **DRIVER'S LICENSE:** Applicants must possess a valid automobile driver's license on or before the date of application and up to and including the date of appointment, and must maintain any licensing requirements of the Denver Fire Department.

## **CHARACTER AND BACKGROUND MINIMUM QUALIFICATIONS**

- **CHARACTER AND BACKGROUND:** An applicant must be of good moral character as required by the Charter of the City & County of Denver. In reviewing an applicant's character and background, the Commission will consider the standards of ethical conduct, integrity and honesty that shall guide the behavior of a member of the Denver Fire Department.

## **LEGAL MATTERS & CRIMINAL CONVICTIONS**

### **GENERAL CONSIDERATIONS**

- **CONVICTION:** See below for the definition of "Conviction." Throughout this booklet the term "Conviction" applies to the following categories of offenses:
  - a. Any adult criminal offense
  - b. Any juvenile offense when the juvenile was charged as an adult
  - c. Any juvenile offense adjudicated in a juvenile court when the offense would be classified as a felony or misdemeanor (as applicable) if committed by an adult
- **JUVENILE RECORD OR ADULT CRIMINAL RECORD:** If you are unsure of the formal legal status of any items in your juvenile record or your adult criminal record, you are urged to obtain a copy of your criminal history. If after reviewing your juvenile or criminal history you still have questions, you should obtain legal advice prior to submitting your application. Civil Service Commission staff cannot provide you with legal advice in these matters.
- **SEALED OR EXPUNGED RECORDS:** Juvenile records and adult criminal records are not automatically "expunged" or "sealed". To be expunged or sealed, it requires an "order of the court". If a criminal record or juvenile record has been "sealed" or has been "expunged", by an "order of the court", or if a criminal conviction has been "pardoned", it may have an effect on how you answer certain questions in the application process.

## **KEY DEFINITIONS – LEGAL & CRIMINAL RELATED STANDARDS**

- **CONVICTION– ADJUDICATION, definition of:**

The **result of a criminal trial** regarding any federal, state, or local law that ends in **entry of a final judgment/sentence**, following a verdict of guilty (by the court or jury), or following a plea of guilty or no contest.

- **“Conviction” shall include an “Adjudication”** which is an entry of final judgment/sentence following a determination by a juvenile court that it has been proven beyond a reasonable doubt to the trier of fact that the juvenile has committed an offense that would have been a crime had it been committed by an adult (i.e. commission of a delinquent act), or following an entry of a plea of guilty or no contest to a charge of committing such an offense.
- **“Conviction” does not include** an entry of a final judgment/sentence that has been pardoned, reversed, set aside, or otherwise rendered null and void; or for which the criminal record or the juvenile record thereof has been formally sealed, or has been formally expunged, by order of the court.
- **“Conviction” does not include** a deferred prosecution, deferred judgment, or deferred sentence.
- **FELONY, definition of:**  
A criminal offense that is classified as a “felony” under the federal, state or local laws in the jurisdiction where the subject charge was filed; to also include any juvenile offense that would constitute a “felony” criminal offense in that jurisdiction, if committed by an adult. (Example: Criminal record may show “F4”, meaning a “4<sup>th</sup> Degree Felony”.)
- **MISDEMEANOR, definition of:**  
A criminal offense that is classified as a “misdemeanor” under the federal, state or local law in the jurisdiction where the subject charge was filed; to also include any juvenile offense that would constitute a “misdemeanor” criminal offense, if committed by an adult. (Example: Criminal record may show “M1”, meaning a “1st Degree Misdemeanor”.)

### **GENERAL DISQUALIFIERS – NO LEGAL IMPEDIMENTS**

- **NO LEGAL IMPEDIMENTS:** To be eligible for both application and appointment to a position in the Denver Fire Department, an individual shall not have any legal impediments to their ability to perform the essential job functions for the position of firefighter.
  - Please be advised that adjudication in juvenile court, for criminal activity as a minor/juvenile, does not necessarily clear from your record when you become an adult.
  - **Certain misdemeanor convictions, whether as a minor or as an adult, may preclude you from being certified as an EMT by the Colorado Department of Public Health and Environment.** This will result in disqualification from the Firefighter application or screening process.

- Any individual who, because of a criminal charge, or plea to a criminal charge, is **currently subject to an active deferred sentence, deferred judgment or deferred prosecution**, or is currently subject to any court order(s) or stipulation(s) in connection therewith, will be disqualified.
- Any individual who is **currently incarcerated, on work release, on parole, or on probation** for any crime will be disqualified.

## **CRIMINAL CONVICTIONS - LIFETIME DISQUALIFICATION**

- **ALL FELONY CONVICTIONS – LIFETIME DISQUALIFICATION:**

Any adult (age 18 or above), or juvenile charged as an adult, who has been convicted of a felony crime; or juvenile who has been adjudicated in juvenile court for an offense that would be classified as a felony if committed by an adult, will be disqualified.

- **CERTAIN MISDEMEANOR CONVICTIONS – LIFETIME DISQUALIFICATION:**

An individual who has ever been convicted (or been adjudicated), for any of the following misdemeanor offenses will be disqualified:

- An offense involving domestic violence
- Assault, menacing, stalking or harassment
- Sexual assault, unlawful sexual contact, or an offense that would require registration as a sex offender under Colorado law
- Any offense based on unlawful sexual behavior
- Failure to register as a sex offender
- Prostitution
- Soliciting for prostitution
- Pandering
- Indecent exposure
- Any offense of child abuse or child neglect resulting in any injury to the child or to the child's health
- Any bias-motivated crime (including harassment or intimidation of a person or group because of race, color, ancestry, national origin, religion, creed, age, gender, gender variance, sexual orientation, or physical or mental disability)
- Cruelty to animals
- Resisting arrest
- Impersonating a peace officer, firefighter, or public servant
- Obstruction of government operations
- Obstruction of a peace officer, firefighter, emergency medical service provider, rescue specialist, or like volunteer
- False reporting to fire, emergency, or law enforcement authorities
- Perjury
- Failure to obey a jury summons

- **MISDEMEANOR CONVICTIONS AFFECTING FIREFIGHTER CERTIFICATION – LIFETIME DISQUALIFICATION**

All applicants for Firefighter must be eligible for certification as an EMT by the Colorado Department of Public Health and Environment (CDPHE).

Therefore, an applicant shall have no conviction of any misdemeanor crime that is considered to present (as determined at the sole discretion of the Commission) either an unreasonable risk or a significant risk to public health and safety under the CDPHE Emergency Medical Services Section Criminal Conviction Policy, as it may be amended from time to time. This shall include any substantially similar misdemeanor offenses under any federal, state or local law.

- **However**, if you are disqualified for a conviction for a “Misdemeanor Offense Involving or Relating to Any Controlled Substance” which occurred “more than 10 years prior to the date of application.” You may contact the Commission to request a case-by-case review for possible exemption from disqualification, providing a copy of a current Colorado EMT certification is provided with the request. (See page 13)

**CRIMINAL CONVICTIONS:  
10 YEAR, 7 YEAR & 5 YEAR DISQUALIFICATIONS**

- **CERTAIN MISDEMEANOR OFFENSES –10 YEAR DISQUALIFICATION**

An individual who has been convicted (or been adjudicated) for any of the following misdemeanor offenses during the past 120 months (10 years) will be disqualified.

- An offense based on child abuse or child neglect that did not involve an injury to the child or to the child’s health.
- The illegal use or possession of a firearm or edged weapon (e.g. a knife).

- **MISDEMEANOR OFFENSES – 7 YEAR DISQUALIFICATION**

An individual who has been convicted (or been adjudicated) for any of the following misdemeanor offenses during the past 84 months (7 years) will be disqualified:

- An offense involving theft, (to include stealing, shoplifting, embezzlement, etc.)
- An offense involving fraud, (to include check fraud, identity theft, forgery, etc.)
- An offense involving forgery, (to include actions done with intent to defraud, etc.)
- **Misdemeanor convictions for theft, fraud or forgery more than 84 months prior** to application will be subject to a presumptive disqualification with an opportunity for review for exemption, providing a copy of a current Colorado EMT certification is provided with the request.

- **NO MORE THAN ONE (1) MISDEMEANOR – DURING THE PAST 5 YEARS.**  
An individual who has been convicted of two (2) or more misdemeanor offenses within the past 60 months (5 years) will be disqualified.
- **NO MISDEMEANOR CONVICTIONS WHILE IN A PUBLIC SAFETY POSITION – DURING THE PAST 5 YEARS.**  
Within the past 60 months (5 years), an individual shall not have any conviction for a misdemeanor offense during any period of time while they were an employee in, or a volunteer in, any of the following public safety related positions:
  - Law enforcement, peace officer, armed public safety, correctional officer, military police, firefighter or medical first responder

## DRUGS

### ILLEGAL USE, PURCHASE, POSSESSION, DISTRIBUTION, SALE, OR MANUFACTURE

#### IMPORTANT DRUG RELATED DEFINITIONS

- **DISTRIBUTION (of Hard and Soft Drugs), definition of:**  

"Distribution" or "To Distribute" means to deliver, transfer, or transport, or to attempt to deliver, transfer or transport, actually or constructively, from one person to another a controlled substance, either with or without remuneration, barter or exchange.

  - However, the delivery, transfer or transportation of one ounce or less of marijuana, from one person to another, without involving any remuneration, barter or exchange; shall be deemed "use or possession". It shall not be deemed distribution, unless the delivery or transfer is by a person eighteen years of age or older to a person under the age of fifteen.
  - The delivery or transfer of more than one ounce of marijuana from one person to another, either with or without remuneration, barter or exchange, shall be deemed distribution and/or sale thereof.
- **HARD DRUG, definition of:**  

Any schedule I, II, III or IV controlled substance is considered to be a Hard Drug except when a Schedule II, III or IV controlled substance is possessed or used pursuant to being dispensed by or under the direction of a person licensed or authorized by state or federal law to prescribe or administer the drug.

  - Examples include, but are not limited to the illegal use of: Adam, Adderall, Amytal, Anabolic Steroids, Angel Dust, Amphetamine, Black Tar, Blue Birds, Buttons, Cocaine, Codeine (high dose), Crack, Crystal, Darvon, Deca, Demerol, Dilaudid, Ecstasy, GHB, Hallucinogens, Hash & Hash Oil (Marijuana Concentrate), Heroin, Ice, Ketamine, Librium, LSD, Marijuana 8 ounces or more, Mescaline, Methadone,

Meth-amphetamine, MDA, MDMA, Microdot, Morphine, Mushrooms, Opium, Percocet, Percodan, Peyote, PCP, Phenobarbitol, PHP, Psilocybin, Quaalude, Red Birds, Ritalin, Rohypnol, Roofies, Seconal, Smack, Special K, Speed, Spice, Steroids, STP, Talwin, TCP, Thai Sticks (soaked in hash oil), THH, Valium, Xanax, XTC, Yellow Jackets

- **Drugs not included as a Hard Drug:** The legal use of Schedule II, III and IV “prescription” drugs by the person for whom the drug was legally prescribed; or the possession of Marijuana, Medical Marijuana or Ganja in a quantity under eight (8) ounces. (Note, while Medical Marijuana in a quantity less than 8 ounces is not considered a Hard Drug, the use of Medical Marijuana is not considered to be the legal use of a “Prescription Drug”.)
- **MANUFACTURE (of Hard Drugs or Soft Drugs), definition of:**
  - **“Manufacture” or “Manufacturing” means:** For any person to produce, prepare, propagate, compound, convert, or process a controlled substance, directly or indirectly, by extraction from substances of natural origin, chemical synthesis, or a combination of extraction and chemical synthesis, and includes any packaging or repackaging of the substance or labeling or relabeling of its container.
  - **With respect to Marijuana and Marijuana Concentrate,** “manufacture” means for any person to cultivate, grow, produce, prepare, process, or otherwise manufacture, or knowingly to allow such to be produced, processed, prepared or manufactured on land owned, occupied, or controlled by him.
  - For information related to **employment in a state regulated, licensed, Marijuana business enterprise**, see the definition of “Marijuana” below.
- **MARIJUANA, definition of (Including Medical Marijuana, Ganja, Marijuana Concentrate, and Edibles containing Marijuana, etc.):**
  - **Because Marijuana is a Schedule I controlled substance under Federal law, any use, purchase, possession, distribution, sale or manufacture (including delivery, transfer or transport from one person to another) of Marijuana or its derivatives that would be regarded as illegal under the federal Controlled Substances Act (as determined at the sole discretion of the Commission) shall in general be regarded as “illegal” for purposes of application and screening for the position of Firefighter.**
  - **Medical Marijuana:** Because Marijuana has **no recognized medical use** under Federal Law, “Medical Marijuana” or products containing “Medical Marijuana” are considered as “illegal” for the purposes of application.
  - **Synthetic Marijuana and Salvia Divinorum:** The Synthetic Drug Abuse Prevention Act of 2012 makes it unlawful as of July 9, 2012, to use or possess any amount of synthetic cannabinoid (e.g. Spice, K2) or Salvia Divinorum (e.g. Diviner’s Sage or Seer’s Sage).

- **Soft Drug – Marijuana:** Marijuana (and its derivatives) in a quantity less than 8 ounces is considered to be an illegal Soft Drug for the purposes of Application and Minimum Qualifications.
  - **Hard Drug – Marijuana:** Marijuana (and its derivatives) in a quantity of 8 ounces or more is considered to be an illegal Hard Drug for the purposes of Application and Minimum Qualifications.
  - **Exception regarding Marijuana distribution:** Any distribution of one (1) ounce or less of Marijuana (to deliver, transfer, or transport from one person to another), without any remuneration, barter or exchange, shall generally be deemed “use” or “possession” and not “distribution”. It shall be subject to a 36-month time period for disqualification.
  - **Exception Regarding Employment In A State Regulated Marijuana Business:** The purchase, possession, growing, manufacture, distribution or sale of Marijuana (or any of its derivatives) as prohibited by Commission Rule and these Minimum Qualifications will result in a presumptive disqualification. **However**, any individual engaging in such behavior, solely as part of their employment in a state regulated, licensed Marijuana business enterprise may request a case-by-case review for exemption from such disqualification.
- **SALE (of Hard or Soft Drugs), definition of:**

“Sale” means: An illegal barter, exchange, or transfer for payment or promise of payment, of a controlled substance, and each such transaction made by any person, whether for the benefit of the seller or on behalf of another.

    - Any action on behalf of another (as the **middleman or go-between**, acting for either the seller or the purchaser) in an illegal sale or purchase of a controlled substance, which includes being an active participant in the actual transfer of the drugs or assets involved, shall be deemed “Sale” and not “Purchase.”
    - For information related to **employment in a state regulated, licensed, Marijuana business enterprise**, see definition of “Marijuana” on pages 11 and 12.
  - **SOFT DRUG, definition of:**

**Marijuana or Medical Marijuana in a quantity under eight (8) ounces, and any Schedule V controlled substance, except when** a Schedule V controlled substance is possessed or used pursuant to being dispensed by or under the direction of a person licensed or authorized by state or federal law to prescribe or administer the drug.

    - Examples include, but are not limited to the illegal use of: cough syrup with low dose codeine, Robitussin AC, Lyrica, and any use of Ganja, Marijuana or Medical Marijuana, or the possession of Marijuana or Medical Marijuana but only in a quantity less than eight (8) ounces.

- **Drugs not included as Soft Drugs:** The legal use of Schedule V “prescription” drugs by the person for whom the drug was legally prescribed. (Note: Medical Marijuana is never considered a legal “prescription drug”.)

**CRIMINAL CONVICTIONS INVOLVING OR RELATED TO ANY CONTROLLED SUBSTANCE**

- **NO FELONY CONVICTION, AT ANY AGE, INVOLVING HARD OR SOFT DRUGS - LIFETIME DISQUALIFICATION.**

Any individual who has ever been convicted of a felony offense involving or relating to any (controlled substance) hard drug or soft drug will be disqualified. This includes the “adjudication” of a juvenile for a like offense that would be classified as a felony if committed by an adult.

- **NO MISDEMEANOR CONVICTION – INVOLVING OR RELATED TO A CONTROLLED SUBSTANCE – WITHIN 120 MONTHS (10 Years) PRIOR TO APPLICATION**

Any individual who has been convicted of a misdemeanor offense involving or relating to any controlled substance (Hard or Soft Drug), WITHIN the period of 120 Months (10 Years) prior to the date of application, will be disqualified. This includes the “adjudication” for a like offense that would be classified as a misdemeanor if committed by an adult.

- **A MISDEMEANOR CONVICTION – INVOLVING OR RELATED TO A CONTROLLED SUBSTANCE – MORE THAN 120 MONTHS (10 Years) PRIOR TO APPLICATION – PRESUMPTIVE DISQUALIFICATION**

Any individual who has been convicted of a misdemeanor offense involving or relating to any controlled substance (Hard or Soft Drug), MORE THAN 120 Months (10 Years) prior to the date of application, will be subject to a presumptive disqualification. This includes the “adjudication” for a like offense that would be classified as a misdemeanor if committed by an adult.

- **However**, the individual so disqualified may request a case-by-case review for exemption from disqualification, providing a copy of a current Colorado EMT certification is provided with the request.

**NO ILLEGAL DISTRIBUTION, SALE OR MANUFACTURE OF HARD OR SOFT DRUGS**

- **NO ILLEGAL DISTRIBUTION OF HARD OR SOFT DRUGS:**
  - **AT AGE 21 OR OLDER – LIFETIME DISQUALIFICATION.**
  - **WHILE UNDER AGE 21:**
    - **Hard Drug Distribution – 120 MONTH (10-Year) DISQUALIFICATION**
    - **Soft Drug Distribution – 60 MONTH (5-Year) DISQUALIFICATION**

Within the age limits and time periods specified: Any individual who has **provided, delivered, transferred, or transported** any hard or soft drugs to or for another person, either with or without remuneration, barter, or exchange, will be disqualified.

“Soft Drug” includes any Marijuana, Medical Marijuana, products or edibles containing Marijuana. (See below for more information regarding a limited exception for 1 ounce or less of marijuana, and for information regarding employment in a state regulated Marijuana business enterprise.)

Illegal distribution of drugs includes being the **middleman, go-between, or “doing a favor for a friend”** in a drug transaction by actively transferring the drugs from one person to another even if the “middleman” receives no benefit from the drug transaction.

- An individual who engaged in the “Distribution” of Hard or Soft Drugs at age 21 or above will be subject to a **Lifetime Disqualification**.
- An individual who engaged in the “Distribution” of Hard Drugs while both under the age of 21 and during the 120 Months prior to application, will be disqualified.
- An individual who engaged in the “Distribution” of Soft Drugs while both under the age of 21 and during the 60 Months prior to application, will be disqualified.
- **Illegal distribution of any Hard or Soft Drug including Marijuana, in any quantity, to or for another person, that did involve any payment, barter or exchange is also considered a “Sale” of drugs and not “Distribution”.** (See below for information regarding “No Illegal Sale of Hard or Soft Drugs”.)
- **Limited Marijuana Exception:** The “Distribution” of one **(1) ounce or less of Marijuana**, that did **not involve any payment, barter or exchange** (e.g. “sharing a joint”), shall be deemed “Use” or “Possession” and not “Distribution”, and is subject to a 3-year disqualification time period.
- **Employment in a State Regulated Marijuana Business Enterprise:** For information regarding employment in a state regulated Marijuana business enterprise, please see the definition of “Marijuana” on pages 11 and 12.
- **NO ILLEGAL SALE OF HARD OR SOFT DRUGS:**
  - **AT AGE 21 OR OLDER – LIFETIME DISQUALIFICATION.**
  - **WHILE UNDER AGE 21:**
    - **Hard Drug Sale – 120 MONTH (10-Year) DISQUALIFICATION**
    - **Soft Drug Sale – 60 MONTH (5-Year) DISQUALIFICATION**

Within the age limits and time periods specified: Any individual who has ever illegally provided, delivered, or transported hard or soft drugs, including any Marijuana or Medical Marijuana that involved any barter, exchange, or transfer or promise of payment, will be disqualified.

- An individual who engaged in the “Sale” of Hard or Soft Drugs at age 21 or above will be subject to a **Lifetime Disqualification**.

- An individual who engaged in the “Sale” of Hard Drugs while both under the age of 21 and during the 120 Months prior to application, will be disqualified.
  - An individual who engaged in the “Sale” of Soft Drugs while both under the age of 21 and during the 60 Months prior to application, will be disqualified.
  - Illegal drug sale includes being the middleman, go-between, or “doing a favor for a friend” in a drug sale or purchase by actively transferring the drugs, assets, or payment from one person to another even if the “middleman” receives no benefit from the sale or purchase.
  - The acquisition or acceptance into a purchaser’s possession of Hard Drugs or Soft Drugs through a sale, barter or exchange; and involving the use of the assets or money of only the purchaser, shall be deemed “Purchase” and not “Sale”.
  - **Employment in State Regulated Marijuana Business Enterprise:** For information regarding employment in a state regulated Marijuana business enterprise, please see the definition of “Marijuana” on pages 11 and 12.
- **NO ILLEGAL MANUFACTURE OF HARD OR SOFT DRUGS:**
    - **AT AGE 21 OR OLDER – LIFETIME DISQUALIFICATION.**
    - **WHILE UNDER AGE 21:**
      - **Hard Drug Manufacture – 120 MONTH (10-Year) DISQUALIFICATION**
      - **Soft Drug Manufacture – 60 MONTH (5-Year) DISQUALIFICATION**

Within the age limits and time periods specified: Any individual who has ever illegally manufactured (e.g. produced, prepared, processed, grown, packaged or re-packaged) Hard or Soft Drugs, including any Marijuana or Medical Marijuana or products or edibles containing Marijuana will be disqualified.

- An individual who engaged in the “Manufacture” of Hard or Soft Drugs at age 21 or above will be subject to a **Lifetime Disqualification**.
  - An individual who engaged in the “Manufacture” of Hard Drugs while both under the age of 21 and during the 120 Months prior to application, will be disqualified.
  - An individual who engaged in the “Manufacture” of Soft Drugs while both under the age of 21 and during the 60 Months prior to application, will be disqualified.
  - **Employment in a State Regulated Marijuana Business Enterprise:** For information regarding employment in a state regulated Marijuana business enterprise, please see the definition of “Marijuana” on pages 11 and 12.
- **NO ILLEGAL DISTRIBUTION, SALE OR MANUFACTURE OF SYNTHETIC MARIJUANA OR SALVIA DIVINORUM SINCE JULY 9, 2012:**
    - **AT AGE 21 OR OLDER – LIFETIME DISQUALIFICATION.**
    - **WHILE UNDER AGE 21 – 120 MONTH (10 year) DISQUALIFICATION**

Within the age limits and time periods specified: Any individual who, since July 9, 2012, has ever provided, delivered, transferred, or transported, sold or manufactured, any quantity of Synthetic Marijuana (e.g. Spice, K2) or Salvia Divinorum (e.g. Diviner’s Sage or Scer’s Sage), to or for another person, will be disqualified. This includes being

the “middleman” or “go-between” in a drug transaction, by actively transferring the drug or payment from one person to another.

- An individual who engaged in the Distribution, Sale or Manufacture of Synthetic Marijuana or Salvia Divinorum on or after July 9, 2012 will be disqualified, regardless of age at time of occurrence.

### **NO ILLEGAL USE, PURCHASE, OR POSSESSION OF HARD DRUGS OR SOFT DRUGS**

- **NO ILLEGAL DRUG USE, PURCHASE OR POSSESSION WHILE IN A PUBLIC SAFETY POSITION – 10 YEAR DISQUALIFICATION:**

Any individual who has ever illegally used, purchased or possessed soft drugs or hard drugs (on or off the job), during any period of time while an employee or volunteer in any public safety related position: law enforcement, peace officer, armed public safety, correctional officer, military police, firefighter, or medical first responder, AND within the 120 months (10 years) prior to the date of application, will be disqualified.

- **NO ILLEGAL USE, PURCHASE, POSSESSION OF HARD DRUGS – PAST 5 YEARS:**

Any individual who has illegally used, purchased, or possessed hard drugs within the past **60 months (5 years)** prior to application, will be disqualified.

- **NO ILLEGAL USE, PURCHASE, POSSESSION OF SOFT DRUGS – PAST 3 YEARS:**

Any individual who has illegally used, purchased, or possessed any soft drug, including any Marijuana, products or edibles containing Marijuana or Medical Marijuana within the past **36 months (3 years)**, or any Synthetic Marijuana since July 9, 2012, will be disqualified.

- **Employment in State Regulated Marijuana Business Enterprise:** For information regarding employment in a state regulated Marijuana business enterprise, please see the definition of “Marijuana” on pages 11 and 12.

- **NO ILLEGAL USE OF SCHEDULE II – IV PRESCRIPTION DRUGS NOT PRESCRIBED FOR YOU:**

Any individual who has used someone else’s schedule II-IV prescription drug within the past **60 months (5 years)**, will be required to explain the details and circumstance of such use and, MAY BE disqualified. Any use for recreational or non-medical purposes will result in disqualification.

- **NO ILLEGAL USE OF SCHEDULE V PRESCRIPTION DRUGS NOT PRESCRIBED FOR YOU:**

Any individual who has used someone else's schedule V prescription drug within the past 36 months (3 years), will be required to explain the details and circumstance of such use and, may be disqualified. Any use for recreational or non-medical purposes will result in disqualification.

## **TRAFFIC AND DRIVING RELATED OFFENSES**

### **AUTOMATIC DISQUALIFIERS**

- **NO CONVICTION FOR OPERATING A MOTOR VEHICLE WITHOUT INSURANCE WITHIN THE PAST 1 YEAR:**

Any individual who has been convicted of a traffic violation/infraction based on operating a motor vehicle without insurance within the 12 months (1 year) prior to date of application will be disqualified.

- **NO DRIVER'S LICENSE SUSPENSION WITHIN THE PAST 3 YEARS:**

Any individual who has had their driver's license suspended, based on moving traffic violations/infractions, within the past 36 months (3 years) prior to date of application will be disqualified.

- **NO DUI OR DWAI WITHIN THE PAST 5 YEARS:**

Any individual who has been convicted of DUI (Driving Under the Influence) or DWAI (Driving While Ability Impaired) within the past 60 months (5 years) prior to date of application, will be disqualified. This includes all like offenses applicable to any means of motorized transport, such as Boating Under the Influence.

- **NO MORE THAN ONE DUI OR DWAI IN YOUR LIFETIME:**

Any individual who has been convicted of either a DUI (Driving Under the Influence) and/or a DWAI (Driving While Ability Impaired) offense two (2) or more times will be disqualified. This includes all like offenses applicable to any means of motorized transport, such as Boating Under the Influence.

- **NO MAJOR TRAFFIC VIOLATIONS/INFRACTIONS WITHIN THE PAST 5 YEARS:**

Any individual who has been convicted of any of the following major traffic violations or infractions, within the past 60 months (5 years) prior to the date of application, will be disqualified:

- Leaving the scene of an accident
- Eluding or attempting to elude a peace officer
- Engaging in a speed contest
- Reckless driving
- A driving infraction or offense that states the violation resulted in serious bodily injury or death

## VACATIONS OR EXTENDED ABSENCES

Applicants must notify the Commission in writing of any vacation or extended absence of more than seven (7) days in duration to ensure proper notifications can be made.

## **EXAMINATION AND SCREENING PHASES**

**TEST ORDER:** The Commission reserves the right to change the order of test phases as required. Applicants who fail to show for further testing when notified in writing may be disqualified. Failing any portion of the examination shall disqualify the applicant from any further participation in the examination process.

**APPLICANT RESPONSIBILITY FOR TEST PHASES:** If an applicant anticipates the need to miss any scheduled test or appointment, an alternate schedule must be requested in writing from the Civil Service Commission. All requests will be evaluated on a case-by-case basis. Rescheduling will occur only if an available time slot exists. If no alternate time exists, and the applicant cannot attend the originally scheduled time, the applicant will be disqualified from further testing.

Applicants who fail to show for further phases when notified in writing may be stricken from the examination list and disqualified from further phases. Failure to appear on time for any part of the examination as set forth herein, or for any other scheduled appointment, may also result in disqualification from further testing.

**PICTURE ID REQUIRED:** A driver's license or other valid picture identification is required to gain admittance into all Civil Service tests/appointments.

### **COMPLETION OF GENERAL APPLICATION, SUPPLEMENTAL APPLICATION/ BACKGROUND HISTORY FORM** For Commission Review

- **GENERAL APPLICATION:** Applicants from the Englewood Fire Department will be required to complete a general application detailing, but not limited to: education and training, military service, employment history, and experience. The information provided must be complete and honest. Omissions or falsification of information may be grounds for disqualification. Applicants will receive the general application via link from the Commission on Monday, March 9, 2015. Applications must be submitted by Monday, March 16, 2015.
- **SUPPLEMENTAL APPLICATION/BACKGROUND HISTORY FORM:** Applicants from the Englewood Fire Department will be required to complete a Supplemental Application and Background History Form detailing, but not limited to: motor vehicle record, drug use, alcohol use, legal information, references, and financial information. The information provided must be complete and honest. Omissions or falsification of information may be grounds for disqualification. Applicants will receive the Supplemental Application and Background History Form on Monday, March 9

2015. The completed Supplemental Application and Background History Form will be due in the Commission office by Monday, March 16, 2015 at 5:00 p.m.

**WRITTEN TEST**

Waived

**POLYGRAPH**

For Commission Review

All applicants shall take a polygraph examination. The polygraph is used in review of an applicant's qualifications and suitability.

- o **"No Show" Policy for Polygraph Appointment:** Applicants unable to attend their scheduled appointment are required to cancel/reschedule their appointment in advance. Applicants who fail to show for their appointment will be assessed a fee of \$50.00 and will be disqualified (unless there are extenuating circumstances). The applicant may also be prohibited from re-applying until the next Firefighter registration period.

**WRITTEN SUITABILITY ASSESSMENT**

For Commission Review

This phase consists of a battery of non-medical written tests specifically designed to assess behavior and character traits to determine if an individual is suitable for employment as a Firefighter. The written suitability tests are not pass/fail, however, a Commission designated psychologist utilizes the assessment as one tool in their review to determine if an applicant is rated as "suitable" or "unsuitable" to continue in the screening process.

**COMPLETION OF A BEHAVIORAL QUESTIONNAIRE**

For Commission Review

Applicants will be required to complete a detailed questionnaire regarding their past behavior including, but not limited to: illegal drug use, driving record, criminal behavior, arrests, job performance, and employment separations. This information will be used to guide the background investigation process and to assist the individuals conducting the suitability interview and the polygraph examination. The information must be complete and honest. Omissions or falsification of information will not be tolerated, and may be grounds for disqualification.

**SUITABILITY INTERVIEW**

Recommended/Not Recommended

Applicants will be interviewed by a licensed psychologist retained by the Commission. The application documents and Background History Form, along with the results of the Written Suitability Assessment, the Polygraph, and the Suitability Interview, are all used by the psychologist to assign a rating to each applicant. Applicants must have an acceptable rating to continue in the examination process. The psychologist's review of the Written Suitability tests, and his/her interview of the applicant, are both non-medical in nature and are used in an assessment of an applicant's behavior and character traits to determine if an individual is at significant risk for employment problems as a Firefighter.

- **“No Show” Policy for Suitability Interview:** Applicants unable to attend their scheduled appointment are required to cancel/reschedule their appointment in advance. Applicants who fail to show for their appointment will be assessed a fee of \$65.00 and will be disqualified (unless there are extenuating circumstances). The applicant may also be prohibited from re-applying until the next Firefighter registration period.

#### **PRELIMINARY FILE REVIEW**

Pass/Fail

At various times during the examination and screening process an applicant's file will be reviewed by the Executive Director and/or designated Commission staff to determine qualifications and suitability for hire. An applicant will be subject to immediate disqualification at any time for failure to meet the minimum qualifications and standards established by the Commission. In addition, any falsification, omission of information, or material misrepresentation of fact by an applicant may also be grounds for disqualification. Applicant files may also be reviewed by the Commissioners for suitability.

#### **BACKGROUND INVESTIGATION**

For Commission Review

Applicants shall be investigated as to character, conduct, driving record, employment, criminal history, and references. The background investigator will also use the results of the Polygraph exam and the Suitability Assessment when conducting the Background Investigation. The results of the Background Investigation will be reviewed by the Civil Service Commission and are considered confidential.

#### **BACKGROUND REVIEW**

Pass/Fail

The results of the Background Investigation, Polygraph and Suitability Assessment, along with information contained in the applicant's file related to qualifications and suitability will be reviewed, by the Commissioners. An applicant must meet the minimum standards related to qualification and suitability to the satisfaction of a majority of the Commission, to be approved for placement on the eligible register.

#### **CANDIDATE PHYSICAL ABILITY TEST (CPAT)**

Required

Applicants must provide, to the satisfaction of the Commission, a current Candidate Physical Ability Test (CPAT) certification in order to be placed on the eligible register. Failure to provide a current certification within the timeline requested may cause delays in certification and or may cause the applicant to be disqualified from further consideration.

### **ELIGIBLE REGISTER**

Applicants who pass all above mentioned Commission test phases and who provide a current Candidate Physical Ability Test (CPAT) certification shall be placed on the Eligible Register in alphabetical order or as defined by the inter-governmental agreement.

## CERTIFICATION

Upon receiving a requisition for an academy from the Executive Director of Safety, applicants shall be certified to the Executive Director of Safety. From the certification list received and upon written approval by the Chief of the Fire Department, the Executive Director of Safety shall select which applicants, in consideration of an appointment, are to receive a conditional offer of employment.

### CONDITIONAL OFFER OF EMPLOYMENT

The Executive Director of Safety retains the authority to extend a Conditional Offer of Employment or to rescind a Conditional Offer based on the provisions of the City and County of Denver Charter, the Denver Civil Service Commission Rules, and other relevant legal authority (including the Americans with Disabilities Act).

**A Conditional Offer of Employment may be revoked** if an applicant is unable to perform the essential functions of the job (with or without reasonable accommodation); poses a direct threat to the health and safety of themselves or others; is unable to comply with the post-conditional offer appointment schedule; or is unable to begin work with the Denver Fire Department when scheduled. The Conditional Offer may also be revoked should an applicant have his/her name removed from the Eligible Register, or be determined that he/she does not meet the qualifications for original appointment.

Applicants receiving a Conditional Offer of Employment from the Executive Director of Safety are subject to the following:

**MEDICAL EVALUATION:** Applicants shall be required to successfully undergo a medical evaluation at the City's expense. The medical evaluation includes, but is not limited to: a medical examination, a vision and hearing test, a psychological test, a post-job offer questionnaire, a psychological evaluation, and a drug screen. In order to be hired, each applicant must be able to perform the essential functions of the job (with or without reasonable accommodation). Further, the applicant shall not pose a direct threat to the health and safety of themselves or others, as determined by a medical evaluation conducted by the approved medical examiner and psychologist, consistent with the Americans with Disabilities Act. Applicants shall be provided individual consideration in the assessment of any disability-related physical or mental limitations and the ability to provide reasonable accommodation for those limitations.

**DRUG SCREEN:** As part of the drug screen, drug use will be evaluated first against the Minimum Qualifications, and as appropriate on a case-by-case basis, and may be grounds for disqualification. If the drug screen (hair follicle analysis) shows the use of a controlled substance, that fact may be cause for disqualification. Where use of a prescription drug is detected, applicants may be required to offer proof that the drug has been prescribed by a physician for the applicant. If the applicant is unable to provide such proof, employment may be denied. Employment may also be denied where future or continued use of a prescribed drug poses a threat to safety or would impair job performance. The question of future or continued use of a prescribed drug shall be referred to the medical examiner for an evaluation and recommendation under the Civil Service rules and other applicable legal authority.

## **FINAL JOB OFFER**

Final job offers will be made to certified applicants who have successfully completed all conditional offer testing/screening and who are able to perform the essential functions of the job (with or without reasonable accommodation) and who don't otherwise pose a direct threat to the health and safety of themselves or others.

## **VISION STANDARDS**

Visual acuity must be 20/30 binocular with or without correction.

Uncorrected visual acuity must be 20/100 binocular or better for wearers of hard contacts or glasses.

Firefighters with uncorrected acuity of less than 20/100 in either eye must carry a spare pair of glasses.

Successful long-term soft daily wear contact lens wearers correctable to 20/30 or better are subject to no uncorrected standard on three conditions: 1) "Successful" long-term wearers have worn their lenses six months or more, 2) will replace their lenses every six months to one year or more frequently if the lens becomes uncomfortable or difficult to wear, and 3) will clean the lenses on a regular basis as recommended by the manufacturer. Soft contact lens wear should be considered a condition of continuing employment.

Visual acuity for corrected-refractive surgery, radial keratotomy (RK), or photorefractive keratotomy (PRK) to 20/30 needs individual evaluation. The Denver Civil Service Commission requires a waiting period of six months after soft contact lenses have been dispensed or after corrective surgery has been done, to ensure the success of the procedure and/or stabilization. Vision correction requires various evaluation periods to measure the success of the procedure. Discuss the Essential Firefighting Functions (pgs. 24-28) with your doctor to ensure that you understand any physical limitations and potential risks involved. It is highly recommended that applicants take an active approach to correct vision problems in order to meet the standards for employment. Failure to do so could impact your selection for an academy.

## **HEARING STANDARDS**

All hearing-impaired individuals applying for firefighter positions with critical hearing demands will be carefully evaluated on an individual basis.

Applicants must meet pure tone thresholds in the unaided worst ear not worse than 25dB loss in three of the four frequencies (500 Hz, 1000 Hz, 2000 Hz and 3000 Hz) or no greater than 30 dB at any one of the first three frequencies with an average loss of less than 30 dB for all four frequencies. Testing with a hearing aid is not permitted.

## **DENVER FIRE ACADEMY PHYSICAL FITNESS PROGRAM PREPARATION GUIDE**

The Denver Fire Academy recommends all applicants be aware of the following physical requirements.

Once in the Fire Academy, every morning starts with a workout. This workout routine includes the following:

- Minimum of 100 sit-ups and push-ups each and every day.
- Strength training 2 - 3 times per week.
- Cardio/muscular circuit training weekly.
- Running at least twice a week, starting with 20 minutes per run, at an 8 - 10 minute per mile pace. **By the end of the Academy, we will increase to 45 minutes per run at the same or quicker pace.**
- Wind sprints periodically throughout the Academy.
- Dragging hose for leg conditioning periodically throughout the Academy.
- Stair-climb, up to five flights, 5 - 10 times periodically throughout the Academy.
- Stair-climb, up to five flights, 5 - 10 times periodically throughout the Academy in full turnout gear with equipment.

In addition to the morning routine, drill ground days include wearing all turnout gear and carrying other equipment all day. This adds approximately 50 pounds of weight to be carried all day.

## ESSENTIAL DENVER FIREFIGHTING FUNCTIONS

### Physical Task Statements

- Put on and wear protective equipment.
- Open hydrant to charge the hose.
- Use 1-3/4 inch hose as an attack line.
- Use equipment (e.g., ax, sledge hammer, etc.) to make forcible entries.
- Enter smoke filled buildings/rooms with a hose in hand while wearing full protective clothing.
- Crawl on a floor and if you cannot see, feel for the heat of the fire source.
- Systematically search for trapped persons.
- Drag victims with the help of another firefighter.
- Screw the hose connection to the hydrant.
- Drag charged 1-3/4 inch hose up stairs and around furniture when fighting a fire.
- Carry victims with the help of another firefighter.
- Use a hose clamp to clamp a charged/uncharged hose.
- Wrap a hose around a hydrant to stretch it out and ensure it reaches the plug.
- Climb stairs wearing full equipment while responding to a call for service.
- Carry heavy equipment (hose pack, medical box, air bottles) up stairs while wearing full equipment.
- Support a ladder, and raise the halyard to extend to the desired length, then lower into objective.
- Climb an aerial ladder wearing full equipment.
- Hold a charged 1-3/4 inch hose unassisted and open the nozzle.
- Drag a victim out of a building unassisted while wearing full turnout gear.
- Drag accordion folded or flat load, uncharged 2 1/2 or 3 inch hose until it is fully extended.
- Drag charged 1-3/4 inch hose unassisted.
- Reload hose and put it back onto the engine/quint.
- Remove heavy equipment (i.e., ejector, positive pressure fan, fan, medical box) from the truck; transport and place it in operation unassisted.
- Use a pike pole to pull down a ceiling.
- Carry a victim out of a building unassisted while wearing full turnout gear.
- Carry people unassisted down ladders wearing full turnout gear.
- Carry people unassisted via stairs wearing full turnout gear.
- Carry a section of rolled hose unassisted.
- Lower ladders and re-bed them onto the truck/quint.
- Remove an extension ladder from the apparatus unassisted and carry it to its destination.
- Operate a charged line from confined spaces.
- Operate foam equipment.
- Operate a line from heights (e.g., rooftops).
- While on a ladder, direct water at fire.
- Operate the ladder pipe from an aerial platform.
- Extend the booster line to a fire.
- Hoist equipment to upper levels by a rope.

### **Mechanical Tasks**

- Operate power tools (e.g., chain saw, circular saw, etc.) during the course of firefighting activities.
- Remove the hydrant cap with a wrench.
- Safely shut off utility services to buildings in emergency situations.
- Operate heavy equipment (e.g., "jaws-of-life", etc.) in response to an emergency.
- Operate electrical/gas shut-off valves.
- For aerial ladders, set up truck jacks, place chocks, and then position and raise ladder.
- Make openings for ventilation using equipment (e.g., saws, axes, etc.).
- Drive firefighting/emergency equipment to and from a scene.
- Respond to hazards related to electrical emergencies.
- Operate a fire extinguisher.
- Inspect a pumper during operation: check gauges.

### **Rescue & Fire Suppression**

- Be aware of electrical lines when setting up ladders and directing water streams.
- Seek the source of a fire and extinguish.
- Determine the safest evacuation route.
- Evacuate persons from a fire area.
- Determine the stability of supporting surfaces.
- Assist at a water rescue.
- Calculate friction loss in hose to ensure the proper water pressure is provided to successfully put out a fire.
- Calculate, achieve, and maintain correct water pressure for hose lines.
- Determine when to open roofs, walls, and doors.
- Calculate the height of a building in feet from its floors to ensure ladders are elevated to the proper height.
- Determine the number of lines to hook up to successfully put out a fire.
- Select the proper number of hoses required to reach the fire.
- Determine the correct stream to use.
- Calculate gallons per minute out of a particular size hose.
- Calculate the height of a building in feet from its floors to ensure the proper number of hoses are selected to reach the fire.
- Recommend assistance from law enforcement, medical, coroner, or utility personnel as needed.

### **Administrative**

- Write descriptions of situations in medical reports.
- Complete incident reports on the computer.
- Write building fire inspection reports.

### **Emergency Medical Services**

- Extricate people from automobiles.
- Assess a patient's condition and provide appropriate care.
- Properly utilize emergency equipment and supplies.
- Safely drive emergency response vehicle to and from a scene.
- Use the necessary tools to free trapped persons.
- Perform CPR or other appropriate cardiac emergency procedures.
- Rescue victims and apply resuscitation measures as necessary.
- Administer oxygen to victims.
- Extricate people from automobiles.
- Remove persons from entrapments; safely free victims.
- Prepare and transfer a patient to an emergency vehicle.
- Control the bleeding of a patient.
- Treat shock.
- Identify and respond to hazards at the scene.
- Gather information from a patient or family regarding the patient's medical history.
- Provide concise and complete information to paramedics regarding the status of patients.
- Assist in childbirth.
- Prepare the emergency vehicle for the next response, including decontaminating and disinfecting unit and equipment, restocking supplies, inspecting equipment, and making or arranging for necessary repairs or replacement.
- Control the emergency scene to protect yourself, coworkers, and the patient.
- Set up and operate the Automatic External Defibrillator.
- Immobilize fractures.
- Assess the emergency scene and request assistance if necessary.
- Accurately take incoming calls or information from the dispatcher regarding requests for emergency medical services.
- Control a hysterical patient requiring medical attention.
- Monitor and provide needed care when transporting a patient to a medical facility.
- Bandage wounds.
- Calm mentally challenged patients to ensure they can be cared for successfully.
- Assist medical staff with continued care of the patient.
- Administer glucose to diabetics.
- Comfort family, friends, and bystanders at a fire scene or medical facility.

### **Hazardous Materials (HAZ-MAT)**

- Respond to the release or potential release of hazardous material.
- Utilize and maintain personal/chemical protective equipment.
- Complete required Hazardous Materials training.
- Read HAZ-MAT reference materials at a scene to provide the proper response to a hazardous materials spill.
- Perform defensive mitigation techniques (e.g., diking, damming, diverting, etc.).
- Apply a foam blanket.
- Perform offensive mitigation techniques (e.g., plugging, patching, etc.).
- Spray chemicals on a fire.

### **Fire Prevention/Inspections**

- Inspect commercial buildings for fire hazards defined in fire codes and state law (e.g., building interiors/exteriors, hazardous materials storage, and inspection of standpipes, smoke detectors, fire extinguisher, fire alarm, and sprinkler systems).
- Determine fire code violations.
- Accurately document fire code violations.
- Inspect residential complexes of three or more families for fire hazards.
- Seek compliance with fire codes by a building owner.
- Note tactical information such as location of exits to assist in future operations.
- Investigate complaints of fire hazards, dangers, or violations.

### **Fire Investigations/Post-Fire Duties**

- Inspect, service, and perform tests of all SCBA to ensure they are working properly.
- Maintain all personal protective equipment.
- Keep all tools and equipment in working condition.
- Maintain an inventory of tools and equipment.
- Replenish supplies when needed.
- After a fire is extinguished, check for smoldering fire inside walls and ceiling.
- Perform regular service tests on all apparatus.
- Search for missing people.
- Preserve evidence at fire scene.
- Perform overhaul operations.
- Inspect, clean, and polish equipment and apparatus by hand.
- Fill pressurized water extinguisher.
- Remove all used equipment from rigs after a fire for cleaning.
- Secure accident/fire scene.
- Remove hoses from drying racks and store them.
- Remove burned and charred waste.
- Put furniture in one location and protect it with salvage covers.

### **Training/Drills**

- Maintain physical fitness standards of the department.
- Learn how to successfully attack a fire.
- Participate in ongoing training drills to develop and maintain proficiency.
- Learn about extricating victims from vehicles.
- Learn about forcible entry into buildings.
- Read and comprehend written training materials.
- Learn the most direct routes to various addresses in a response area.
- Learn about ventilation methods to aid in extinguishing a fire.
- Learn about the characteristics of and proper uses of ladders.
- Learn fire department rules and regulations.
- Learn, practice and perform evolutions.
- Learn about various methods of rescue.
- Learn the locations of streets, water mains and hydrants in a response area.

- Learn about building construction to determine how a fire might react in that building, and to ensure the safety of those working in and around the building.
- Learn about hydraulics and pump operation.
- Learn about fire behavior.
- Learn about ropes and knots to accomplish rescues.
- Learn about appropriate fire streams given factors that can affect the flow of water through the air.
- Learn about caring for hoses, hose lays and hose use.
- Learn about various causes of fire.
- Learn about water supply systems.
- Learn about salvage and overhaul.
- Learn about fire alarms.
- Learn about ropes and knots to stabilize vehicles.
- Learn about ropes and knots to successfully haul tools.
- Learn about automatic sprinkler systems.

#### **Fire Station Duties**

- Report for duty on time.
- Maintain positive working relationships with people in the fire house.
- Present a clean and neat appearance.
- Maintain a neat and clean working and living environment at the fire station.
- Answer routine phone calls in the station.
- Maintain the exterior of fire station: lawns, walkways, and driveways.
- Plan and cook meals.
- Store fire equipment and supplies.
- Make your own bed and change linens when appropriate.

#### **Public Relations**

- Use tact and diplomacy in dealing with the public.
- Interact and work with citizens.
- Provide fire education programs to the public when requested.
- Conduct fire station tours when requested and approved.
- Make public education calls.
- Refer people to agencies that provide social services.

#### **Communication**

- Listen to the dispatcher, other fire vehicles, and commanding officers by radio to determine courses of action.
- Advise the commanding officer of fire conditions, hazards, and exposures at the scene.
- Exchange necessary information with other firefighters at a scene.
- Talk with other firefighters at an emergency scene to determine the best courses of action.
- Communicate with the superior during a fire.
- Clearly and accurately communicate patient information and care to medical staff.

### **Environmental/Working Conditions**

- Avoid and protect against infectious agents.
- Avoid and protect against hazardous substances through inhalation, injection, ingestion, and absorption.
- Protect against possible burn injuries.
- Fight fires in an extremely hot environment.
- Work quickly to suppress a fire.
- Fight fires in smoky buildings when visibility is poor.
- Fight fires in smoky buildings when visibility is nonexistent.
- Prevent exposure to sharp objects.
- Protect against uninstalled or unshielded electrical equipment.
- Perform physically demanding tasks under extreme fluctuations in temperature.
- Avoid and protect against high noise levels when riding in emergency vehicles.
- Work 24-hour shifts with little or no sleep.
- Perform on ladders.
- Protect against smoke and dust.
- Protect against radiation hazards.
- Perform wearing full equipment.
- Fight fires in sub-zero temperatures.
- Work on or around moving machinery or equipment.
- Withstand strong vibrations (e.g., riding in emergency vehicles or operating power tools).
- Work in confined spaces in cramped body positions.
- Prevent exposure to noxious odors.
- Perform in wet areas.
- Perform in slippery areas.
- Perform in muddy areas.
- Perform in icy areas.

### **OTHER CHARACTERISTICS**

- Honest
- Self-Disciplined
- Dependable
- Self-Motivated
- Courteous
- Flexible
- Cooperative
- Ethical

## **KNOWLEDGE AREAS**

**EMS Knowledge** (Knowledge of first aid procedures; Knowledge of CPR; Knowledge of blood borne pathogens; Knowledge of medical protocol)

**Mechanical Comprehension** (Knowledge of various tools and their use; Knowledge of mechanical concepts [e.g., how engines operate, basic hydraulics, and other related concepts])

**Emergency Procedure Knowledge** (Knowledge of procedures for emergencies and unusual events; Knowledge of radio codes and procedures)

**Building construction** (Knowledge of the materials and construction features of buildings (e.g., doors, windows, walls, and locks); Knowledge of building construction)

**Use of Language** (Knowledge of the correct spelling of words; Knowledge of grammar rules; Knowledge of punctuation rules)

**Knowledge of vehicle extraction techniques**

**Knowledge of fire department rules, regulations, and policies**

**Knowledge of hazardous materials**

**Knowledge of fire behavior**

**Knowledge of street layouts and the location of hydrants and water mains in a response area**

**Knowledge of fire codes and regulations to ensure proper inspection**

**Ability to understand and interpret basic chemical, biological, and radiological terms and data**

**Denver Civil Service Commission  
Webb Municipal Bldg. – 2nd Floor  
201 W. Colfax Ave, Dept 1208  
Denver, CO 80202-5332**

**Phone: 720-913-3370  
Fax: 720-913-3373**

**[www.denvergov.org/civilservice](http://www.denvergov.org/civilservice)**

<p><b>See Reverse Side for Maps and Directions</b></p>
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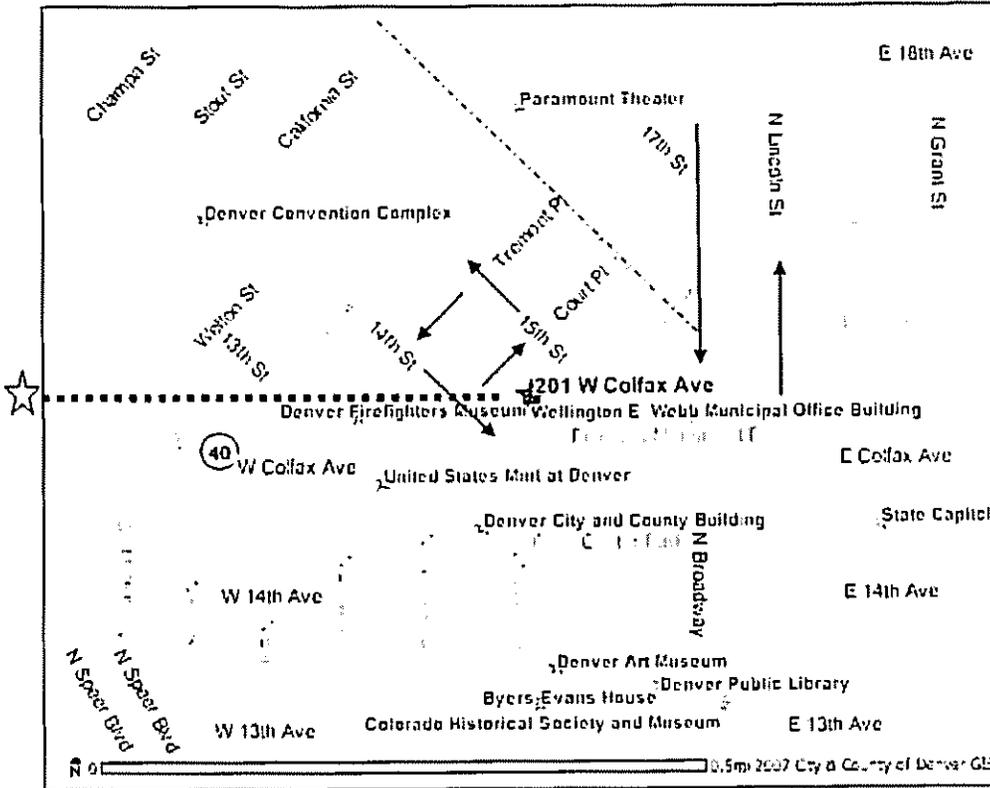
All visitors to the Webb Municipal Building are subject to security screening.

**BUS AND LIGHT RAIL SERVICE**

- Access by Bus and Light Rail service is available.
- For information on routes and schedules contact RTD.
- RTD's local Denver number: 303-299-6000.
- Outside the 303 area code call RTD toll free at 1-800-366-7433.
- Contact RTD on the web at: <http://www.RTD-Denver.com> .

**PUBLIC PARKING**

- No free parking is available.
- On-street metered parking is not an option for those who are testing due to the duration of the test. Applicants are not permitted to leave the testing area once the test begins.
- Parking is available in a variety of public lots/garages in the downtown area. Parking lot fees range from \$5.00 to \$12.00 for long-term parking.



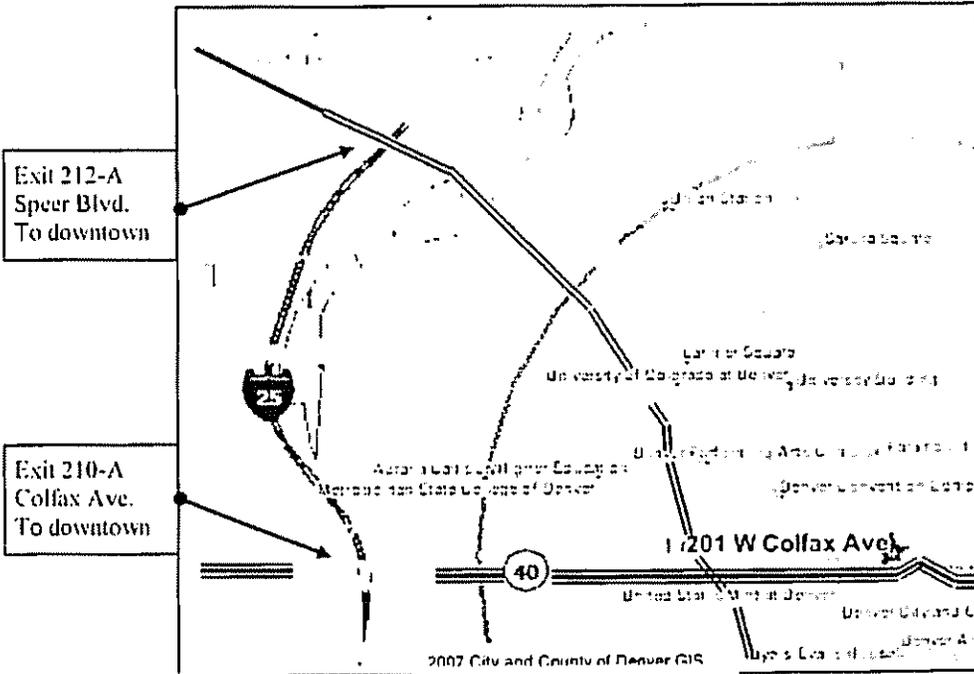
**Civil Service Commission**  
 Webb Bldg. – 2nd Floor  
 201 W. Colfax Ave, Dept 1208  
 Denver, CO 80202-5332

Phone: 720-913-3370  
 Fax: 720-913-3373

[www.denvergov.org/civilservice](http://www.denvergov.org/civilservice)

**Webb Municipal Office Bldg.**  
 Bordered by:  
 W. Colfax Ave. on the South  
 Court Pl. on the North  
 14<sup>th</sup> St. on the West  
 15<sup>th</sup> St. on the East

**Public Entrances:**  
 On Court Pl., one block West of  
 the 16<sup>th</sup> St. Mall, at 15<sup>th</sup> St..  
 On W. Colfax Ave., at the inter-  
 section of 14<sup>th</sup> St., and  
 Bannock St.



**Directions from I-25**

Use the Speer Blvd exit 212-A  
 Go south east toward down-  
 town, 1.5 miles to Colfax Ave.  
 Turn left (East) onto Colfax Ave.

Or

Use the Colfax Ave. exit 210-A  
 Go East on Colfax toward  
 downtown.

**Directions from Airport**

Take Pena Blvd. to I-70 West  
 bound.

At junction with I-25, take I-25  
 South and then follow directions  
 from I-25. (See above.)

**See Page 31 for information on Bus and Light Rail Service, and Public Parking.**

**EXHIBIT H**  
**DENVER FIRE DEPARTMENT**  
**STANDARD OPERATING GUIDELINE**  
**ENGINE COMPANY OPERATIONS PARTIES TRAPPED, EXTRICATION RESPONSE**  
**(TOPIC No: 2112.05)**

**AND**

**DENVER FIRE DEPARTMENT**  
**STANDARD OPERATING GUIDELINE**  
**ENGINE COMPANY OPERATIONS AT MOTOR VEHICLE FIRES**  
**(TOPIC No: 2112.06)**

DENVER FIRE DEPARTMENT

STANDARD OPERATING GUIDELINE

Section: OPERATIONS: ENGINE OPERATIONS

Topic: Engine Company Operations at Motor Vehicle Fires

Topic No: 2112.06  
Date: 03-22-11  
Approved: TAB  
Review Date: 03-22-13  
Replaces: SOG 2118.00 (01-14-11)  
*Only SOG Number Changed*

**PURPOSE:** To identify operational tactics for safe and efficient extinguishment of motor vehicle fires

**SCOPE:** Applies to all engine company members operating at a motor vehicle fire. Also included are members of truck/tower/heavy rescue companies that are dispatched to aid in the extinguishment, forcible entry, or search of these vehicles.

**Motor Vehicle Fires**

A. Fire Control Operations

A motor vehicle fire should be treated as a 'mini house' fire in the scope of duties to be performed by responding fire crews. Fire attack, forcible entry, primary search, and ventilation are all tasks that need to be performed by the arriving engine crew. Having members fully prepared to handle these duties by wearing PPE and SCBA will ensure a successful operation, with fire safety in mind.

The minimum level of protection for Firefighters is full protective clothing (PPE) while breathing air from an SCBA. While engaged in pump operations, the Engineer is not expected to wear full PPE. Officers have discretion as whether to wear PPE with SCBA, but if they are engaged in any firefighting efforts, PPE with SCBA should be worn.

The minimum size hoseline for a working auto fire is the 1-3/4" handline with a constant gallonage fog nozzle capable of flowing a minimum of 125 gallons per minute (gpm). If using an on-board foam proportioning system (i.e. Pierce Engines), the previously recommended 95 gpm foam nozzle should be avoided as it will not produce an adequate foam stream.

B. Apparatus Placement

Apparatus should be placed upwind and uphill of the incident, if applicable, to afford protection from hazardous liquids and vapors, and also to reduce smoke exposure for the Engineer.

Consideration should also be given to using the apparatus as a barrier to shield the incident from traffic hazards. Warning lights should be left operating with the use of traffic cones, if necessary. The use of road flares is discouraged due to the possibility of ignition of flammable vapors.

DENVER FIRE DEPARTMENT

STANDARD OPERATING GUIDELINE

Section: OPERATIONS: ENGINE OPERATIONS

Topic: Engine Company Operations at Motor Vehicle Fires

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C. Water Supply

If the water carried on the engine will not be sufficient for extinguishment, early consideration must be given to additional water supply sources. Securing a water supply (hydrant) is a viable option, provided one is available and traffic considerations coincide with a supply line being laid out. Another consideration is calling for an additional engine company, especially for auto fires on the highway/freeway, where hydrants are limited, or if the size of vehicle will demand more water for fire attack. There are highway/freeway standpipes and hydrants available for use, and these should be pre-planned, noted, and trained with for use by companies having them in their district.

D. Fire Attack

Where parties are trapped in the vehicle, water should be first applied to protect the patients and permit an effective rescue.

Due to the possibility of a fuel system leak or rupture, or in the event of an active fuel leak or fuel spill, the attack line of choice should be the 1-3/4" handline with a minimum of a 125gpm fog nozzle having the capability of immediately putting foam to work (pre-connected foam line).

If foam is used, the setting should be proportioned at the 6% foam discharge setting. This is the recommended setting for E85 Ethanol-based fuel and will work well for other types of vehicle fuel mixtures.

When rescue is not a factor, initial water should first be applied for several seconds to extinguish fire or cool down the area around any fuel tanks or fuel systems. This is especially important if the fuel tanks are Liquefied Petroleum Gas (LPG) or Liquid Natural Gas (LNG).

One member of the attack team, in full PPE with SCBA, must have forcible entry tools in his/her possession to provide prompt and safe entry into the vehicle.

E. Firefighter Approach

The attack approach to a vehicle fire should be one that avoids direct approach from the front of the vehicle and one that avoids close contact with any tire that is directly affected by fire. Some vehicles today have front bumpers that are attached by two shocks encased in a metal housing

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known as *energy absorbing bumpers*. When heated by fire, these shocks will develop high pressures, heat up, and may explode, causing the front bumper to become a projectile that may seriously injure a firefighter. Bumper assemblies have been known to travel 25 feet. A tire or split rim that is in close contact to or being exposed to flame impingement may also become a projectile if overheated.

Sufficient cooling of these two areas with water is needed prior to engaging in any activity that may put firefighters in their path (i.e. prying open the hood of the vehicle for engine access).

Of special consideration are the gas-filled struts, springs, cylinders, extending arms that hold the hood open and extend the rear hatch-back doors open. If overheated, these struts will also explode and become projectiles capable of serious bodily injury. Sufficiently cooling these struts with water will minimize the danger of explosion and subsequent release. To ensure personal safety, be sure to allow sufficient clearance when releasing latches.

F. Hybrid Vehicles

Most recent publications recommend treating a gas hybrid car fire much the same as a fuel-only-driven auto, with a few special considerations.

The tool of choice is copious amounts of water, which will both eliminate the radiant heat and also cool the hybrid's metal battery box and the plastic cells inside the battery pack.

Hybrid vehicles by nature are extremely quiet when stopped and may appear to be off when, in fact, they are still running. Shutting the engine off and disconnecting the vehicle's 12-volt battery will minimize electrical and fuel-related hazards.

Hybrid cars have orange cables that designate high voltage. Avoid cutting or disconnecting these cables.

REFERENCES: None

DENVER FIRE DEPARTMENT

STANDARD OPERATING GUIDELINE

Section: OPERATIONS: ENGINE OPERATIONS

Topic: Engine Company Operations  
Parties Trapped, Extrication Response

Topic No: 2112.05  
Date: 03-22-11  
Approved: TAB  
Review Date: 03-22-13  
Replaces: SOG 2117.00 (01-14-11)  
*Only SOG Number Changed*

**PURPOSE:** To identify operational tactics for safe and efficient removal of parties trapped from a motor vehicle

**SCOPE:** Applies to all engine company members operating at a parties trapped/extrication response

**Parties Trapped / Extrication**

- A. Rig Placement  
Engines should park to allow access for incoming truck/tower/rescue companies and park in a manner that blocks the scene from oncoming traffic yet also allows close access for a handline stretch.
- B. Water Supply  
A sustainable water supply from a hydrant should be considered if needed. If laying a supply line, traffic considerations must be taken into account with regard to vehicles running over the hose and causing a rupture.
- C. Fire Attack  
The minimum line suitable for a parties trapped/extrication is a charged 1-3/4" handline with a minimum 125 gpm fog nozzle at the ready and staffed by a firefighter. This line should be one that has foam capabilities if coming off a rig with an on-board foam proportioner (pre-connected foam line). Due to unforeseen fuel leaks or other flammable hazards, having a foam stream 'at the ready' is paramount for a foam blanket and vapor suppression.
- D. EMS  
Members of the first due engine are responsible for initial triage and medical assessment. Following the initial size-up and patient assessment, the IC shall contact Dispatch and request additional resources, if needed.
- E. Extrication  
Physical extrication of patients should be well-coordinated between the engine and truck/rescue crews. Denver Fire Department is responsible for and in charge of all extrication activities. Once this has been completed, patient care is then turned over to on-scene ALS units for transport to a hospital.

DENVER FIRE DEPARTMENT  
STANDARD OPERATING GUIDELINE

Topic No: 2112.05  
Date: 03-22-11  
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*Only SOG Number Changed*

Section: OPERATIONS: ENGINE OPERATIONS

Topic: Engine Company Operations  
Parties Trapped, Extrication Response

If the extrication process will be lengthy, ALS members may be allowed access to the patient(s) for I.V. therapy and a quick assessment, if necessary. This activity will take place under the direct supervision of the on scene IC.

REFERENCES: None