# El Dorado Hills Fire Department Development Fee Transfer Request September 24, 2019

### **Summary of Request**

The El Dorado Hills Fire Department would like to request a transfer of \$375,955.30 from our Development Impact Fee Fund (account 85530010) to our General Fund (account 85530000). This transfer is for 2018/19 qualifying expenditures per our approved Nexus Study.

The Board of Supervisors adopted Resolution 041-2018 which approved the collection of Development Fees consistent with the Mitigation Fee Act. In the Resolution, the El Dorado Hills Fire Department's (EDHFD) Fire Impact Fee Nexus Study (Nexus Study) was adopted. This Nexus study identifies planned fire protection and emergency response facilities, apparatus and equipment that the District anticipates it will need in order to accommodate the added demand generated by new development within its boundaries. The items we are requesting reimbursement for were included as a part of this study.

Below is the detail of the expenditures supporting this request and justification for each line item:

Date of		Individual	Combined		Dev Fee
Purchase	Asset Description	Cost	Asset Cost	Dev Fee %	Funded
6/27/2019	Simtable (2) for Training Room & Community Outreach	79,500.00	\$ 79,500.00	75%	\$ 59,625.00
10/4/2018	Mobile Data Computer Antennas (10)	12,977.25		100%	
5/2/2019	Mobile Data Computers/Battery Backup Module (19)	66,310.00		100%	
	Mobile Data Computers		\$ 79,287.25	100%	\$ 79,287.25
8/8/2018	EDH Fire Training Facility Engineering Fees Balance Due	1,348.58			
1/31/2019	Training Facility Annual Permit Fee 1/1/19 - 12/31/19	778.00			
	El Dorado Hills Fire Training Facility Extension of Facilities				
6/11/2019	Agreement	7,500.00			
6/17/2019	Training Center Civil Drawings Review	2,340.00			
	Training Facility WIP		\$ 11,966.58	75%	\$ 8,974.94
7/11/2018	Invoice #INV195085 - Pierce Type I Engine Ball Intake Valve	1,496.14			
8/21/2018	New Engine #8578	722,906.15			
11/8/2018	Pierce Engine Electronics Installation	2,516.20			
	Engine 8578		\$ 726,918.49	26.5%	\$192,633.40
	8540 2019 Ford Explorer - Fire Marshal Prevention Vehicle				
1/3/2019	Replace 8544	32,474.40			
2/7/2019	8540 - Striping/Signage for New Prevention Vehicle	796.25			
6/17/2019	Invoice #3514 - 8540 Prevention vehicle upgrade	4,920.00			
6/17/2019	Invoice # 3523 - 8540 Prevention vehicle upgrade	2,395.56			
	Prevention Vehicle 8540		\$ 40,586.21	26.5%	\$ 10,755.35
2/7/2019	2018 Chevrolet Tahoe SSV 4x4 VIN # 1GNSKFEC2JR134604	40,942.56	\$ 40,942.56	26.5%	\$ 10,849.78
10/4/2018	Holmatro GCT 5160 EVO3 COMBI#158,052.280	13,835.25	\$ 13,835.25	26.5%	\$ 3,666.34
10/4/2018	Holmatro GCU 5050I EVO 3 Cutter # 158.052.243	12,291.92	\$ 12,291.92	26.5%	\$ 3,257.36
10/4/2018	Holmatro GTR 5350 EVO 3 Ram # 158.000.009	13,803.08	\$ 13,803.08	26.5%	\$ 3,657.82
11/8/2018	Pierce Engine Tooling/Hardware	12,256.89	\$ 12,256.89	26.5%	\$ 3,248.08
			Grand To	tal Requested	\$375,955.30

#### **Specific Items Requested and Justification**

For each item we are requesting, the information below will explain what the expenditure was and explain the relationship between development and the need for the expenditure.

#### 1. Simtable

- a. <u>Definition of the Expenditure</u>: A Simtable allows the Department to create our own emergency scenarios with customized agent-based models for wildfire, flood, evacuation, storms, airborne particulates, as well as biological and ecological behaviors, based on our community's data. This is a training and public emergency education tool.
- b. Relationship to Development and Need for Expenditure: New development creates increased numbers of residents and visitors. As the number of residents and visitors increase, the risk and frequency of emergencies also increases. This increases demand on the fire department to provide services, train our firefighters and to provide public education.

In addition, in El Dorado Hills, there are many new communities and development that sits in the wildland urban interface. This development has an increased risk of wildfire danger. Training for wildfire evacuations and large-scale emergency response is critical to serving this new population.

This item is included as part of the "Training Facility" line item on the Nexus Study.

#### 2. Mobile Data Computer Antennas (10) and Mobile Data Computers (2 itemized requests)

- a. <u>Definition of the Expenditure</u>: A mobile data computer is a rugged computer with a keyboard that is mounted inside emergency fire apparatus that provides Firefighters with immediate access to emergency scene call locations, routing/mapping, communications with the Emergency Communications Center, etc.
- b. Relationship to Development and Need for Expenditure: New development creates increased numbers of residents and visitors, new streets, new access restrictions (such as electronic gates), and new building pre-incident plans. As the number of residents and visitors increase, the risk and frequency of emergencies also increases. This increases demand on the fire department to provide emergency scene call locations, routing/mapping, communications with the Emergency Communications Center, etc.

This item is included as part of the "Dispatch and Communication Infrastructure Improvements" line item on the Nexus Study.

#### 3. EDH Fire Training Facility (4 itemized requests)

a. <u>Definition of the Expenditure</u>: The EDH Fire Department has been in progress of designing a new Training Facility for many years. The project is almost ready for phase 1 construction of a dedicated training site located in the EDH Fire Business Park. All items requested directly relate to the construction of the new and expanded facility.

b. Relationship to Development and Need for Expenditure: New development creates increased numbers of residents and visitors, new subdivisions, new types of complex buildings (such as multi-story assisted living facilities), etc. As the number of residents and visitors increase and new buildings are constructed, the risk, frequency and complexity of emergencies also increases. This increases demand on the fire department to train its Firefighters to mitigate these emergencies.

This item is included as part of the "Training Facility" line item on the Nexus Study

#### 4. Engine 8578 – New Pierce Type 1 Engine (3 itemized requests)

- a. <u>Definition of the Expenditure</u>: The EDH Fire Department purchased a new Pierce Type 1 engine to replace a current fire engine.
- b. Relationship to Development and Need for Expenditure: New development creates increased numbers of residents and visitors, new subdivisions, new types of complex buildings (such as multi-story assisted living facilities), etc. As the number of residents and visitors increase and new buildings are constructed, the risk, frequency and complexity of emergencies also increases. This increases demand on the fire department to have apparatus specifically capable to support emergency scene operations in these new buildings. Also, the frequency of emergencies increases. In accordance with the Nexus study, replacement of existing apparatus, vehicles and equipment are 26.5% development fee funded.

#### 5. Prevention Vehicle 8540 – New Prevention Vehicle (4 itemized requests)

- a. <u>Definition of the Expenditure</u>: The EDH Fire Department purchased a new Ford Explorer to replace a current Fire Prevention vehicle.
- b. Relationship to Development and Need for Expenditure: New development creates increased numbers of residents and visitors, new subdivisions, new types of complex buildings (such as multi-story assisted living facilities), etc. As the number of residents and visitors increase and new buildings are constructed, work on the Fire Prevention Division also increases. This includes inspecting new construction buildings and subdivision both during and after the building process. This increases demand on the fire department to have apparatus capable to support Prevention operations in these new buildings and subdivisions. In accordance with the Nexus study, replacement of existing apparatus, vehicles and equipment are 26.5% development fee funded.

## 6. **2018 Chevy Tahoe SSV 4x4 – New Fire Chief Vehicle**

- a. <u>Definition of the Expenditure</u>: The EDH Fire Department purchased a new 2018 Chevy Tahoe SSV 4x4 to replace a current Fire Chief vehicle.
- b. Relationship to Development and Need for Expenditure: New development creates increased numbers of residents and visitors, new subdivisions, new types of complex

buildings (such as multi-story assisted living facilities), etc. As the number of residents and visitors increase and new buildings are constructed, staff response to emergency incidents also increases. This new Fire Chief vehicle includes a drone launching platform designed to expand fire department operations in new areas. In accordance with the Nexus study, replacement of existing apparatus, vehicles and equipment are 26.5% development fee funded.

## 7. Holmatro GTR EVO Combi Tool, Cutter and Ram (3 itemized requests)

- a. <u>Definition of the Expenditure</u>: The Holmatro GTR extrication equipment are three battery powered extrication tools (a Combi tool, cutter and a extension ram).
- b. Relationship to Development and Need for Expenditure: New development creates increased numbers of residents and visitors in our community and increases the number of vehicles using the roadways. Increased vehicle traffic leads to increased frequency of traffic collisions. When vehicles are involved in a traffic collision, it is common for citizens to become entangled in the metal of their vehicles. We use these extrication tools to physically extricate people from the metal that entangles their bodies. In accordance with the Nexus study, replacement of existing apparatus, vehicles and equipment are 26.5% development fee funded.

## 8. Pierce Engine Tooling Hardware

- a. <u>Definition of the Expenditure</u>: The EDH Fire Department purchased a new Pierce Type 1
  engine to replace a current fire engine. The tooling hardware was the mounting
  brackets needed to mount the new and expanded equipment.
- b. Relationship to Development and Need for Expenditure: New development creates increased numbers of residents and visitors, new subdivisions, new types of complex buildings (such as multi-story assisted living facilities), etc. As the number of residents and visitors increase and new buildings are constructed, the risk, frequency and complexity of emergencies also increases. This increases demand on the fire department to have equipment mounted in apparatus compartments to support emergency scene operations in these new buildings. Also, the frequency of emergencies increases. In accordance with the Nexus study, replacement of existing apparatus, vehicles and equipment are 26.5% development fee funded.