



# WHITESTOWN FIRE DEPARTMENT



## Apparatus Replacement Plan – 2016

### Needs Assessment:

#### Station 71:

The WFD currently operates a Ladder, Engine, Ambulance, and Grass Rig as Station 71. It also houses a reserve engine. The 2011 Ladder and the 2015 Grass Rig are in excellent condition, and are in no need of replacement at this time. The primary engine is a 2004, and is not in the best condition for a primary apparatus, but would meet the needs of a reserve engine. The 2010 reserve engine was not built to the needs of the department, and in the current apparatus situation, it serves best in the reserve capacity, even though it is a newer truck compared to the 2004. The current reserve engine (2010) has also had a multitude of maintenance issues. The 2005 ambulance has spent the last 5 or more years sitting, prior to the start of the transport service. Due to this, and its age, there have been multiple maintenance issues that have had to be corrected since the middle of December, some that have placed the apparatus out of service at times due to safety or inoperable issues.

#### Station 72:

New quint – No assessment needed.

The assessment concluded that purchasing a new engine and ambulance will allow the WFD to have a reliable, quality, front-line apparatus and meet the apparatus replacement needs of the department for years to come.

#### Approximate Life-Span of Fire Apparatus:

- Engines – 10 Years
- Ladders – 15 Years
- Ambulance – 5 to 10 Years (Dependent on Use)

### Apparatus Cost Estimate:

Fire Engine - \$500,000 - \$600,000

Ambulance - \$150,000 - \$200,000



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## Prospective Purchase Plan:

Engine – Currently working with the Town Manager on finding options to purchase/finance.

Ambulance –

1. Sell 2010 Reserve Engine when new engine arrives (Around 9 months after purchase) / Valued at 100,000 – 120,000 / use sale funds to pay for bulk of ambulance, lease or find available funds for remaining - or,
2. Purchase ambulance on lease to obtain a demo for immediate replacement – then utilize funds of selling the 2010 engine to pay off lease when or if it is replaced
  - a. With the unique opportunity of the Fire Department Instructors Conference coming to Indianapolis on April 18<sup>th</sup>, it would allow staff to evaluate several different demo ambulances on display, and discuss special “show” pricing for potential ambulances that meet our needs

## Debt Service Evaluation:

Current Debt Service Budget Line: \$110,842 / Total 2016 FD Budget \$ 3,134,848

<u>Lease Description</u>	<u>Total Amount</u>	<u>Starting Year</u>	<u>Ending Year</u>	<u>Annual Payment</u>
<b>Ladder 71</b>	\$ 750,000 (Principal Only)	2013	2026	\$ 61,527.06
<b>SCBA (FD Portion)</b>	\$ 344,374.30 (FD/PD)	2016	2020	\$ 49,315.86
2016 Debt Service Percentage of Budget: 3.5%			<b><u>Total 2016:</u></b>	\$ 110,842.92
<b>5 Staff Vehicles</b>	\$ 227,618.16	2017	2020	\$ 56,904.54
2017 Debt Service Percentage of Budget: 5.1% (Est. on 5% Increase)			<b><u>Total 2017:</u></b>	\$ 167,747.46
<b>Proposed Ambulance</b>	Up to \$250,000	2017	2020	+/- \$ 60,000
2017 Debt Service Percentage of Budget: 6.9% (Est. on 5% Increase)			<b><u>Proposed Total 2017:</u></b>	\$ 227,747.46
<i>(Ladder 72 Lease - \$890,004.90 - from 2016-2025 is Town Budget; Annual Payment of \$ 89,000.49)</i>				