

IDYLLWILD FIRE PROTECTION DISTRICT Capital Improvement Plan (CIP) 2021/25



"Committed to those we have the opportunity to serve."



All Idyllwild Fire Protection District employees are guided by our mission, vision and values. The mission is the core purpose the IFPD exists. The vision is the description of where the department strives to be in the future, It should inspire and motivate. Values are the guiding principles for the organization. These are the essential and lasting principles.

The mission of the Idyllwild Fire Protection District is to save lives and protect property through emergency medical service, fire and rescue response, and fire prevention. We respond immediately when any member of our community needs help with professional, effective and compassionate service.

The IFPD is a leader in responding to and preventing emergencies with a commitment to excellence and teamwork.

<u>Integrity</u>

We are honest, trustworthy and accountable. Honor guides our actions.

<u>Teamwork</u>

We each bring our own skills and experience to the table, yet we recognize that we are better together. We support and depend on each other to achieve our goals.

<u>Compassion</u>

Caring is part of our job. We could not do what we do without a deep and motivating empathy for those we serve.

<u>Courage</u>

We show fortitude and determination no matter the event.

<u>Diversity</u>

We respect different identities, experiences, and perspectives of those that we work with and the community we serve.

Idyllwild Board of Fire Commissioners

I'm pleased to present you the Capital Improvement Plan (CIP) for the fiscal years 2021-2025. The CIP serves as a long-range planning tool used to help the District match revenues with major capital (items/projects with a unit cost over \$ 10,000) needs over a five-year period. The projects in the CIP are derived from District Goals, citizen requests, and interdepartmental recommendations.

CAPITAL IMPROVEMENT PLAN

The capital improvement plan is simply that – a plan. As such, projects are subject to change based on new or shifting service needs, special financing opportunities, emergency needs, or other directives or priorities established by the IFPD Board of Commissioners and the Fire Chief. Because priorities can change, projects included in outward planning years are in no way guaranteed for funding.

How is the CIP developed?

The CIP is reviewed and updated annually as part of the Districts regular budgeting process. Once the Fire Chief, and IFPD Staff have compiled, reviewed and prioritized the items the Fire Chief then submits the draft CIP to the (capital project committee/ sustainability committee) which then reviews and helps to evaluate the proposed projects based on service stated priorities, infrastructure needs, financial capacity, and the impact the projects could have on the District's overall operating budget.

Once the projects are evaluated, the Fire Chief recommends the selection and timing of capital projects through future fiscal years to the IFPD Board of Commissioners. First-year projects are incorporated into the recommended annual operating budget. In some cases,

plans are made to include the project in a separate capital project, to be approved by the District when the operating budget is approved and finances are available. The Board Commissioners is also presented with the future. unappropriated, planning years for their consideration, review, and endorsement so that staff can proceed with planning and evaluation of potential capital projects.



MAJOR FACTORS IMPACTING CAPITAL PLANNING

Revenue -

Our budget is constrained by overall available revenues.

Capital projects are prioritized so that available funds are allocated based on need, priority, and their impact on service provision. As with previous studies projecting revenues for future fiscal year(s) 2021/2025 has proved challenging, as the economy had slowly recovered the impact on District Revenues currently appears to be headed in that of a positive direction. The overall dynamic nature of the economy will continue no doubt to impact the Districts overall revenue stream(s) and therefore continue to impact our budget and overall ability to appropriately address our Capital Improvement needs. As a result, the District has identified priority capital improvement projects that will ultimately be placed on hold pending our overall revenue constraints.

Buildings and Differed Maintenance -

As the economy recovers and we are hopeful that growth will return, the need to improve and maintain our building infrastructure has become pressing. A number of differed projects are underway thanks to the generous donations of those who gave during several of our fund raising campaigns to remodel our 40 plus year old Fire Station. Donations both financial and material provided for remodel projects have allowed for the IFPD to begin several urgent maintenance projects. These donations have been utilized to:

- Complete the remodel of the station Kitchen. (COMPLETE)
- Remodel and update our employee living quarters to include the addition of a much needed additional bathroom. (80% Completed)
- Replace the carpet and paint the Board / Training Room. (COMPLETE)
- Replace an outdated irrigation system and also replace all non-drought tolerant plants with new drought tolerant plants along the southern frontage of Station 621. (COMPLETE)

In addition to the above mentioned remodel projects, the District faces the challenge of funding larger renovation and maintenance projects. These projects include:

- Full replacement of the stations shake siding. (Project currently at 85%/ completion est. 2021)(All materials were donated, with labor donated and provided for by ICFA Members)
- Replacement of all non-efficient single glazed windows and exterior doors. (Project at 75%)(All materials were donated, with labor donated and provided for by ICFA Members)
- Replacement of the North West drive apron. (to include all paved and parking surfaces) (Future project timing TBD)
- Study the possibility of Solar Energy.

Technology -

In today's world, our citizens expect their Fire Department to be technologically "savvy". Funding for the maintenance and expansion of our network is a top district priority. In addition to our basic maintenance needs the district has recently invested in:

- New Computers and long range technology. (Completed 11/2019)
- New Budgeting and Accounting Software. (Working with IFPD CPA RTD on platforms)
- New Phone system. (Currently Working on final cost analysis)
- New Mobile Data infrastructure and Equipment terminals. (Completed 4/2019 IPAD)

Fleet Apparatus — The IFPD Mission Statement provides the framework which describes our need to ensure the ever ready condition of our fleet. Operation and maintenance of our equipment is an absolute top priority. Service to our citizens and the safety of our customers and employees is always our first priority. Within our fleet of Fire and Rescue vehicles we maintain:

Fire Apparatus:



- One (1) 75' Type One Ariel Ladder Truck (quint). **T-621**
 - o Manufactured in 2004. (Smeal) Current Mileage (28,056)
 - o Useful operating life 14-20 Years. (2024)
 - o Current condition: (Good)
 - o Expected replacement: 2024-2026.
 - Estimated cost of replacement: \$ 1,200,000.00
- One (1) Type One Fire Engine's (four wheel drive) **E 621**
 - o Manufactured in 2008. (Smeal) Current Mileage (32,900)
 - o Useful Operating Life 15-18 years. (2026)
 - o Current Condition: (Excellent)
 - o Expected Replacement: 2024-2026
 - o Estimated cost of replacement: \$850,000.00

Fire Apparatus, cont.

- One (1) Type One Reserve Fire Engine (four wheel drive) E- 622
 THIS PIECE OF EQUIPMENT WAS REPLACED W PURCHASE OF A PIERCE ARROW
 TYPE 1. IN 2019 FROM THE CITY OF BEVERLY HILLS. Cost \$ 6,000.00
 The Complete project cost est. at: \$ 35- 38,000.00 An anticipated useful life 610 years. (2026/30)
- One (1) Type Two / Three (2/3) Four Wheel drive Brush Engine. **BR -621**
 - Manufactured in 2007. (Danko)
 Current Mileage (48,710)
 - Useful Operating Life 15 18 years. (2025)
 - o Current Condition: (Good) New Power Plant installed in 2015.
 - Expected Replacement: 2024-2025





- One (1) Type Two / Three (2/3) Four Wheel drive Brush Engine. BR -622
 - o Manufactured in 2008. By BME Boise Mobile Equipment
 - o Current Mileage (120,975)
 - O Useful Operating Life 15 18 years. (2026)
 - o Current Condition: (Good)
 - o Expected Replacement: 2025-2027
 - o Estimated cost of replacement: \$425,000.00

Fire and Rescue related Equipment:



There are numerous pieces of critical equipment and tools required to facilitate our ongoing provision of service. This equipment allows the IFPD personnel to effectively, efficiently and safely carry out our Mission of Public Service.

The following list of MAJOR equipment does in no way represent a complete list of all required equipment and tools

ITEM:	Description:	QTY:	Use:	
(DONATION From I	Self Cont. Breathing replaced with a need dyllwild Bible Church units to total 12.	to purchase 3 will purchase	Hazardous cond. additional for a total of 12.) 1 additional unit in 2021) Cost estimate: \$ 18,500.00	
Chain Saw(s)	Stil Chainsaw	(5)	(Varies)Ventilation, Wildland, Veg.	
(2 Saws have been replaced with a need to purchase 3 additional for a total of 5.)				
			ost Estimate: \$ 6,000.00	
Saw Chaps.	Safety gear.	(4)	Safety. ost Estimate: \$800.00	
Amkus Jaws	Jaws of Life	(1) Remaining Co	Entrapment/Other. ost Est: \$ 36,500.00	
Hurst Jaws	Jaws of Life	(1) Remaining Co	Entrapment/Other. ost Est: \$ 36,500.00	
Ladders:	Attic, Roof, 24, 35. (varies) Remaining Co		
Exhaust Fans	Fans.	(4) Remaining Co	Forced Ventilation. ost Est: \$ 4,500.00	
Z Rig rope syst.	Rescue system.	(1) Remaining Co		
Hose	1", 1.75"2.5"4"	(varies) Remaining Co	Supply and Attack ost Est: \$ 18,500.00	
Brass	Connections/Fitting		Connections/Fittings. ost Est: \$ 4,500.00	
Nozzles	Task Force Nozzles		Fire Suppression. ost Est: \$ 5,500.00	
Air Bags	Lifting/Stabilizing (Lifting/Stabilization ost Est: \$ 16,500.00	

Total Est. of Fire/Rescue Equipment Cost:Many other small tools, and equipment which are not listed here can be found as they are identified and prioritized throughout the CIP spreadsheets.

Ambulance Apparatus:

- One (1) Type 1 ALS Ambulance (four wheel drive). M622
 - o Manufactured in 2005. (Ford/ Wheeled Coach)
 - o Current Mileage (94845)
 - o Useful operating life 12-16 Years / or 250k miles. (2018/22)
 - Current condition: (Fair)
 - o Expected replacement: 2018-2024.
 - Estimated cost of replacement: \$ 165,000.00



- One (1) Type 1 ALS Ambulance (four wheel drive). M623
 - o Manufactured in 2005. (Ford/ Wheeled Coach)
 - o Current Mileage (104,184)
 - O Useful operating life 12-16 Years. / or 250k miles. (2018/22)
 - o Current condition: (Fair)
 - o Expected replacement: 2018-2022.
 - Estimated cost of replacement: \$ 165,000.00

One (1) Type 1 ALS Ambulance. M624 (reserve unit) OUT OF SERVICE

- o Manufactured in 1997. (Ford)
- o Current Mileage (178,312)
- o Useful operating life 10-15 Years. / or 250k miles.
- o Current condition: (Poor)
- o Expected replacement: 2017-2019.
- Estimated cost of replacement: \$ 140,000.00



Medic Unit 624 was replaced with Medic Unit 621 in November of 2020.

oManufactured in 2020 (Dodge Ram 4500)

Current Milage 5,651

• Useful operating life 12-16 years / or 350,000 miles.

Current condition: (Excellent)

Expected Replacement (2032-2036)

Estimated cost of replacement:

\$210,000.00

- One (1) Type 1 ALS Ambulance. M625 (reserve unit)
 - o Manufactured in 1999. (Ford)
 - o Current Mileage (174,522)
 - Useful operating life 12-16 Years. / or 250k miles.
 - o Current condition: (Poor)
 - Expected replacement: 2016-2020.
 - Estimated cost of replacement: \$ 165,000.00

- One (1) Type 1 ALS Ambulance. (four wheel drive) M626 (reserve unit)
 - o Manufactured in 2001. (Ford)
 - o Current Mileage (51,638)
 - o Useful operating life 12-16 Years. / or 250k miles.
 - Current condition: (Good)
 - o Expected replacement: 2022-2026.
 - o Estimated cost of replacement: \$ 190,000.00

Medical EMS Related Equipment:

As with the Fire Equipment needs, there are several pieces of critical equipment, tools and perishable materials and devises required to facilitate our ongoing provision of ALS (advanced life support) and BLS (basic life support) services. This medical equipment allows the IFPD personnel to effectively, efficiently and safely carry out the ambulance transportation Mission of Public Service.

The following list of MAJOR Medically related equipment does in no way represent a complete list of all required equipment and tools.

ITEM: Description: QTY: Use:

Zoll Monitors: Cardiac Monitor (4) Cardiac Rhythm Interp. (37/40,000 ea.)

Cardioversion, Defib. Pace, 12 Lead.

(In 2020 we were awarded a FEMA grant for replacement of these monitors and Life Pac monitors were chosen and purchased. FEMA Grant was \$141,000.00 and IFPD paid an additional \$8,000.00 to completed this transaction)

Trauma Bag. Trauma Equipment. (5) Trauma related equip.

(1/1.5k ea.) Equipped

(In Nov. 2019 4 of these bags were purchased and placed into service. 1 Additional bag is still needed to complete this need.)

Drug Box. ALS Drug box and equip. Plano, Other.

(.5/1k ea.)

(In Nov. 2019 4 of these boxes were purchased and placed into service. 1 Additional box is still needed to complete this need.)

Stair Chair. Egress/ Non Ambulatory (2) Extrication of Non (1.2/1.5k ea.) Ambulatory Pt's

Medical Equipment (Cont.)

Pt. Comfort care. Gurneys Pt. Transport vessel (4) (4.5/6k ea.)(In Oct. 2020 1 of these gurneys was purchased and placed into service. 3 Additional units are needed to complete this need.) Interosseous Fluid Adm. IO Drill (5) EZ IO (.4 ea.) Cont. Pressure Difficulty Breathing. **CPAP** (.3 ea.) Airway Kits. Oral / Nasal Airways. Airway Patency. (5) (.3/.5 ea.)Measuring Blood sugar Glucose Monitors. Blood sugar monitor. (5) Levels. (.2 ea.)

Several other pieces of critical medical equipment and supply are required for the consistent delivery of our ALS and BLS Emergency Medical Service to the Citizens. Perishable items such as: IV(s), IV Fluids, Medications, Gauze, Bandage materials, gloves, goggles, gowns and other perishables are an ongoing cost to the District.

Administrative / Other Vehicles:

One (1) Ford F150 Chiefs Unit (four wheel drive). C6200 (Sold)

- Manufactured in 2003. (Ford)
- o Current Mileage (138,932)
- o Useful operating life 12-14 Years. (2016/17)
- o Current condition: **(Poor)**
- o Expected replacement: 2016-2018.
- Estimated cost of replacement: \$48/52,000.00

REPLACED WITH:

- One (1) Chevrolet Suburban Chief Unit (four wheel drive). C6200
 - Manufactured in 2020. (Chevrolet)
 - o Current Mileage (13000)
 - Useful operating life 12-15 Years. (2032/35)
 - o Current condition: (Excellent)
 - Expected replacement: 2032-2035.
 - Estimated cost of replacement: \$ 70,000.00

One (1) Ford F150 Chiefs Unit (four wheel drive). C6201 (Sold)

- Manufactured in 2001. (Ford)
- o Current Mileage (189,305)
- o Useful operating life 12-14 Years. (2016/17)
- Current condition: (Poor)
- o Expected replacement: 2016-2018.
- Estimated cost of replacement: \$48/52,000.00

REPLACED WITH:

- One (1) Dodge 2500 Assistant Chief Unit (four wheel drive). **C6201**
 - Manufactured in 2018. (Dodge)
 - o Current Mileage (32800)
 - o Useful operating life 12-15 Years. (2028/32)
 - o Current condition: (Excellent)
 - o Expected replacement: 2028-2032.
 - Estimated cost of replacement: \$72,500,00

One (1) Ford F250 Utility Vehicle (4WD), U621 SOLD (Pending replacement)

- o Manufactured in 1990. (Ford)
- o Current Mileage (89,800)
- o Useful operating life 15-18 Years. (2012)
- o Current condition: (Poor)
- o Expected replacement: 2015-2017.
 - Ideally replace w/new \$ 65/70,000.00
- One (1) Chevrolet Patrol Vehicle (four wheel drive). P621 (REPLACE with New OES Type 6 unit) NO CHARGE TO IFPD/ Expected delivery 1/2021
 - o Manufactured in 1994. (Chevy) Type 6
 - o Current Mileage (168,500)
 - o Useful operating life 16-20 Years. (2015)
 - Current condition: (Poor)
 - o Expected replacement: 2015-2016.
 - o Estimated cost of replacement: \$85/92k
 - Ideally replace w/new \$85/92,500.00

(FY2021-25) CIP PROJECT HIGHLIGHTS / Priorities.

A total of \$ 1,306,200.00 in overall capital projects has been identified for *FY2021/25*. A list of all projects and their primary funding sources can be found in summary below. Additional project detail is available within the detail pages of this CIP document.

		CIP 2021/2025
	MULLINE FIRE	
FIRE		Summary
FY Year		Cost Est:
uppression Equipn	nent	
2022		\$0.00
2023		\$0.00
2024	Brush 621	\$425,000.00
2025	Water Tender 621	\$215,000.00
TOTALS		\$640,000.00
2030-2035		\$425,000.00
FY Year		Cost Est:
mbulance		
2022	Medic Unit 623	\$165,000.00
2023		\$0.00
2024	Medic Unit 622	\$165,000.00
2025	Medic Unit 625	\$165,000.00
TOTALS		\$495,000.00 \$190,000.00
2030-2035		3150,000.00
FY Year		Cost Est:
dmin Vehicles		55572541
2022		\$0.00
2023		\$0.00
2024		\$0.00
2025	(Utility 621)	\$65,000.00
TOTALS		\$65,000.00
2030-2035		\$142,500.00
		Cost Est:
FY Year rimary Equipment		COST EST:
2022	Amkus Tools	\$36,900.00
2023	Ladders / Chain Saw	\$4,400.00
2024	Air bags/ Ladders / Chain Saws / Jaws / Fans	\$62,900.00
2025	Ladders	\$2,000.00
TOTALS		\$106,200.00
2026		\$36,000.00
FY Year		Cost Est:
ummary		dans 000 00
2022		\$201,900.00
2023		\$4,400.00
2024		\$652,900.00
		6447.000.00
2025 TOTALS		\$447,000.00 \$1,306,200.00

REVENUE SOURCES (FY2020)

Pay-as-you-go:

Whenever possible, pay-as-you-go (or "operating revenue") funding is the preferred method of funding CIP projects.

Capital Reserve Funds:

These funds come from the General Fund. These funds are used for one-time, non-reoccurring projects.

Loans/Borrowing:

The District collects Revenues from the following sources:

- 1. **Property Tax/ Ambulance Standby:** Makes up approximately \$ 1.4 million of the 2.4 million of the annual operating budget.
- 2. <u>Ambulance User Fees:</u> Makes up approximately .4 .5 million of the annual operating budget.
- 3. Mutual Aid Response(s): Makes up approximately .5 million of the annual operating budget. Adjustment: This revenue source has averaged \$ 695,000.00 over 3 years and now represents a greater % of the FY budget. FY 2021 MA A/R is \$ 1,203,000.00 (will make adjustment in future budget process)

Long Range Planning:

Several Long range planning discussions are required in order to fully grasp the totality of items which would fall within the future planning process. Many of the items required have service lives that vary drastically depending on several dynamic elements. These elements include:

- ✓ Overall call and service volumes. (1000 1200 incidents per year)
- ✓ Maintenance and serviceability. (550+ transports per year / 60-75k miles annually)
- ✓ Use parameters. (unimproved road surfaces, snow/ice etc.)
- ✓ Mutual and Automatic Aid. (14/16 responses per year)
- ✓ Catastrophic events. (unanticipated equipment failures)



Rolling Stock:

Vehicle expense will continue to be one of the largest costs through maintenance and new purchases. These expenses will vary year to year with replacement timing highly dependent upon several dynamic elements including, useful service life, overall use, use parameters and stresses. Typically, the Fire Apparatus rolling stock average a useful service life of 12-18 years and do not generally have many miles on them within those time frames. In contrast the smaller vehicles such as Ambulance and Administrative vehicles generally have shorter service life parameters of 12-16 years and usually are found with maximum use mileage within those time frames. The IFPD can expect to replace the current front line Type One Fire Engine sometime around 2026-2028, this expense is estimated to be between a low of \$650,000.00 and a high of \$850,000.00. The IFPD can also expect to replace two (2) of its ALS Medic Units within the next five (5) years at a cost of \$ 140,000.00- \$ 165,000.00 each. Without a significant change in the current revenue stream IFPD receives annually, these purchases will only come about through the ability to secure loans. IFPD has been extremely successful over previous years in obtaining low interest loans through the USDA and other funding sources. The IFPD currently has two (2) loans open with KSB (Kansas State Bank) 1 loan for one (1) 2020 ambulance and one (1) admin vehicle (suburban) which totals 177,966.20, and one other loan for one (1) admin. Vehicle (dodge ram 2500) for \$45,000.00. (with \$24,111.47 remaining. IFPD Total loan debt is currently \$ 202,077.00)

Medical Equipment:

With 76% – 78% of our call volume involving medical aid service and transportation, the IFPD can expect to expend significant financial resources on several of our medical equipment items such as:

- ✓ Cardiac Monitors. (\$ 37,000.00 40,000.00 each) complete Grant (\$)
- ✓ Stair Chairs. (\$ 1,500.00 \$ 2,000.00 each)
- ✓ Trauma Bags/Supply. (\$ 1,500.00 \$ 2,000.00 each) complete Grant (\$)
- ✓ Gurneys. (\$ 4,000.00 \$ 6,000.00 each) 1 purchased (need/3)
- ✓ Other, EZIO, CPAP, Intubation Kits/ Airway equipment and other items.

Computer/Technology:

The existing IFPD computer server and other data terminals have been replaced. In the near future the IFPD can expect to purchase additional equipment to include but not limited to:

- ✓ Main Server. (\$ 6,000.00 \$ 8,000.00 each) complete
 ✓ Data Terminals. (\$ 1,200.00 \$ 2,000.00 each) complete
 ✓ Mobile Data Computers. (\$ 2,200.00 \$ 3,000.00 each) future need
 ✓ Tablets. (\$ 1,250.0 \$ 2,000.00 each) complete
- ✓ Mobile phones with smart technology. (for telemetry correspondence with base hospitals) (\$500.00 \$700.00 each)

Furnishings:

The IFPD is currently in need of several critical furnishings. Through GSA we have been able to acquire some of our much needed Administrative items such as:

- ✓ Desks.
- ✓ Chairs. (Donation)
- ✓ Tables.
- ✓ File Cabinets. (Purchased 5 new in 2020)
- ✓ Lockers and Storage Bins. (future need)

Building Projects and Maintenance:

Our Fire Station and Administrative Offices are several decades old and require significant ongoing upkeep, maintenance and replacement of critical infrastructure. Some of the remaining priority/critical items are:

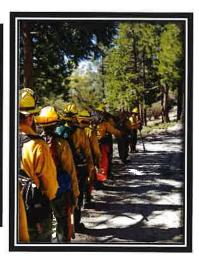
- ✓ Apparatus Bay Doors.
- ✓ Paint throughout.
- ✓ Standard heavy duty Washer and Dryer and PPE Extractor.
- ✓ Heat and Air Conditioning Units. (Implemented COVID 19 precautions 2020)
- ✓ Water Heater (s) (Replaced 2019)
- ✓ Water closets.
- ✓ Sinks and Faucets.
- ✓ Flooring.
- ✓ Concrete apron(s)
- ✓ Asphalt parking area.

<u>Training:</u>

The IFPD has differed the purchase of new training tools, aids and technologies. At our soonest opportunity, the IFPD should invest in many of these tools in order to ensure the very best in training tools and aids for our personnel.





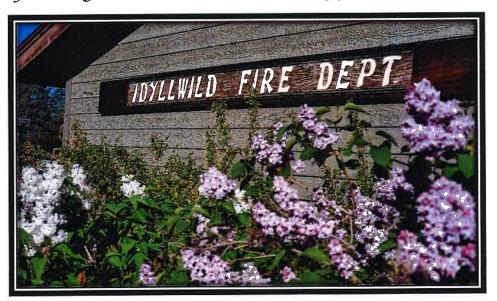


CONCLUSION

I appreciate all of the effort and hard work that our personnel commit to every day! Their work ethic, professionalism and perseverance are second to none.

The following pages of this document provide additional detail on the projects as listed above as well as those in future planning years. This document is considered a "living" document that serves as a planning guide and will be adjusted as existing projects change and new priority and critical needs arise.

I am privileged and honored at the opportunity to serve.



Respectfully submitted,

Mark LaMont Fire Chief





Our People are our greatest asset.

Successful outcomes are made possible by empowering our personnel to make time sensitive and critical decisions while providing them with the resources required to manage the task.

An organization's capital improvement plan must align with its operating budget so that an ongoing revenue stream is in place for operations as a precondition of making a capital investment.

Our funding strategy must also recognize the critical linkage between capital expenditures and ongoing operating costs.



Over the life of an asset, the cost of operations far exceeds the cost of capital, making the operating budget strategy of critical importance.

The Idyllwild Fire Protection District maintains critical infrastructure, vehicles and equipment which are essential to the provision of public services provided.

The goals and objectives within this Plan will increase the efficiency and cost-effectiveness of the Idyllwild Fire Protection District while also ensuring the physical requirements of providing these services to the community of Idyllwild and all those we serve.

Trustworthiness is not built on what we say we will accomplish; it is built on what we have, and what we will continue to accomplish.



Each day brings us a new and unique opportunity to build on our trustworthiness.

