

COUNTY OF MADERA  
 BUDGET UNIT DETAIL  
 BUDGET FOR THE FISCAL YEAR 2019-20

Department: BUILDING AND FIRE SAFETY  
 INSPECTIONS (01370)  
 Function: Public Protection  
 Activity: Protective Inspection  
 Fund: General

	<u>ACTUAL 2017-18</u>	<u>BOARD APPROVED 2018-19</u>	<u>DEPARTMENT REQUEST 2019-20</u>	<u>CAO RECOMMENDED 2019-20</u>
<b><u>ESTIMATED REVENUES:</u></b>				
LICENSES, PERMITS & FRANCHISES				
620300 Construction Permits	1,750,004	1,610,000	1,680,000	1,680,000
620700 Other Licenses & Permits	3,174	201,030	215,000	215,000
<b>TOTAL LICENSES, PERMITS &amp; FRANCHISES</b>	<b>1,753,178</b>	<b>1,811,030</b>	<b>1,895,000</b>	<b>1,895,000</b>
FINES, FORFEITURES & PENALTIES				
630200 Other Court Fines	938	7,162	5,000	5,000
<b>TOTAL FINES, FORFEITURES &amp; PENALTIES</b>	<b>938</b>	<b>7,162</b>	<b>5,000</b>	<b>5,000</b>
CHARGES FOR CURRENT SERVICES				
660800 Planning & Engineering SVCS	518,272	482,000	500,000	500,000
<b>TOTAL CHARGES FOR CURRENT SERVICES</b>	<b>518,272</b>	<b>482,000</b>	<b>500,000</b>	<b>500,000</b>
MISCELLANEOUS REVENUE				
672000 Other Sales	875	0	0	0
673000 Miscellaneous Revenue	572	0	0	0
<b>TOTAL MISCELLANEOUS REVENUE</b>	<b>1,447</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b><u>TOTAL ESTIMATED REVENUES</u></b>	<b><u>2,273,835</u></b>	<b><u>2,300,192</u></b>	<b><u>2,400,000</u></b>	<b><u>2,400,000</u></b>

**EXPENDITURES:**

SALARIES & EMPLOYEE BENEFITS				
710102 Permanent Salaries	732,589	1,057,455	1,173,487	1,173,487
710103 Extra Help	29,763	70,340	114,248	114,248
710105 Overtime	6,224	20,000	20,000	20,000
710200 Retirement	231,990	353,791	414,790	414,790
710300 Health Insurance	104,378	198,966	219,653	219,653
710400 Workers' Compensation Insurance	66,346	71,818	72,000	72,000
<b>TOTAL SALARIES &amp; EMPLOYEE BENEFITS</b>	<b>1,171,291</b>	<b>1,772,370</b>	<b>2,014,178</b>	<b>2,014,178</b>

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Department: **BUILDING AND FIRE SAFETY  
INSPECTIONS (01370)**  
Function: **Public Protection**  
Activity: **Protective Inspection**  
Fund: **General**

	<b>ACTUAL 2017-18</b>	<b>BOARD APPROVED 2018-19</b>	<b>DEPARTMENT REQUEST 2019-20</b>	<b>CAO RECOMMENDED 2019-20</b>
<b>SERVICES &amp; SUPPLIES</b>				
720200 Clothing & Personal Supplies	3,474	10,000	12,000	12,000
720300 Communications	8,630	10,220	11,000	11,000
720600 Insurance	11,147	84,065	85,000	85,000
720800 Maintenance - Equipment	0	1,000	1,000	1,000
721000 Medical, Dental & Lab Supplies	0	250	250	250
721100 Memberships	240	1,160	1,200	1,200
721300 Office Expense	26,988	18,500	20,000	20,000
721400 Professional & Specialized Services	300,223	485,000	328,000	328,000
721500 Publications & Legal Notices	0	700	700	700
721600 Rents & Leases - Equipment	52,146	92,000	93,000	93,000
721800 Small Tools & Instruments	1,088	5,000	5,000	5,000
721900 Special Departmental Expense	3,522	5,000	5,000	5,000
722000 Transportation & Travel	16,120	23,000	32,000	32,000
<b>TOTAL SERVICES &amp; SUPPLIES</b>	<b>423,580</b>	<b>735,895</b>	<b>594,150</b>	<b>594,150</b>
<b>OTHER FINANCING USES</b>				
750100 Operating Transfer Out	188,000	10,000	0	0
<b>TOTAL OTHER FINANCING USES</b>	<b>188,000</b>	<b>10,000</b>	<b>0</b>	<b>0</b>
<b><u>TOTAL EXPENDITURES</u></b>	<b>1,782,871</b>	<b>2,518,265</b>	<b>2,608,328</b>	<b>2,608,328</b>
<b><u>NET COUNTY COST (EXP - REV)</u></b>	<b><u>(490,964)</u></b>	<b><u>218,073</u></b>	<b><u>208,328</u></b>	<b><u>208,328</u></b>

## **CED - BUILDING AND FIRE SAFETY**

### **COMMENTS**

Under the jurisdiction of the Community and Economic Development Department (CED), the Building and Fire Safety Division is responsible for assuring the construction in Madera County adheres to the California Building and Standards Commission adopted codes. This division was established to provide services including plan reviews for new development and remodels, building inspections, and other necessary duties to complete the function of fire prevention for development. The Division provides minimum standards to safeguard life or limb, health, property, and public welfare by regulating and controlling structural design, construction, materials, occupancy, and location of all buildings and structures within the unincorporated area of the county.

As mandated by the State of California, Madera County has adopted the California Building Code, Title 24 which is part of the 12-part California Code of Regulations. Along with enforcing the California Building Code, the Building and Fire Safety Division enforces Madera County Ordinances and the Uniform Code for the Abatement of Dangerous Buildings. The provisions of this Code shall be administered by the Building and Fire Safety Division.

These codes shall apply to the erection, construction, enlargement, alteration, repair, relocation, conversion, occupancy, and maintenance of buildings, structures, swimming pools, solar systems, the installation of electrical wiring and appliances, plumbing, heating and cooling facilities and appurtenances necessary within the unincorporated area of the county.

The following descriptions provide a general overview of the most common permits the Division issues:

#### **Plumbing Permits**

The provisions of the California Plumbing Code apply to new construction, relocated buildings and to any alterations, repairs or reconstruction. Plumbing systems are designed and installed to the minimum standard of the California Plumbing Code. Plumbing permits vary greatly; the piping and fixtures within a single family dwelling and pools fall under Plumbing permits, as do gas lines for propane and other fuel sources.

#### **Mechanical Permits**

The provisions of the California Mechanical Code apply to all new construction, any alterations, repairs or reconstruction. Mechanical permits are required for new or replacement systems such as heating, ventilation, refrigeration systems and components. Mechanical systems are to be designed and installed to the minimum standards of the California Mechanical Code.

#### **Electrical Permits**

The provisions of the California Electrical Code apply to all new construction, relocated buildings, solar photovoltaic systems, and to alterations, repairs or reconstruction. Electrical permits are required for new or alterations to existing electrical systems. Types of electrical permits include the wiring in a new single family dwelling, an electric gate installation or a new well pump.

**COMMENTS (continued)**

**Mobile Home Permits**

Mobile homes and temporary or permanent mobile offices installed within the Madera County require a building permit for the installation of such structure, regardless of the type of installation being performed. Mobile homes will typically have several additional permits as part of the overall project. Mobile home placements usually require multiple permits; engineered foundations, exterior electrical, and exterior plumbing. All interior inspections and permitting is done through California Housing and Community Development.

**Demolition Permits**

A Demolition Permit is required for the removal of any structure, in excess of 120 square feet, located within Madera County. Demolition permits are issued in conjunction and with the approval of the San Joaquin Valley Air Pollution Control District (SJVAPCD).

**Reroof Permits**

Reroof permits are required for alteration, repairs or reconstruction of a building's roof system. Reroof permits shall meet minimum design, installation and construction standards of the California Building Code and California Residential Code.

**Sprinkler System Permits**

Provisions within the California Fire, Building and Residential Code require certain structures and occupancies to provide additional safety and protections through the installation of commercial or residential Automatic Engineered Fire Sprinkler Systems. These systems are designed and installed to the minimum standard of the National Fire Protection Association (NFPA). These permits require staff to provide a minimum of two (2) separate inspections per permit.

**Fire Alarm Permits**

Provisions within the California Fire and Building Code require certain structures and occupancies to provide additional safety and protections through the installation of Automatic Engineered Fire Alarm Systems. These systems are designed to alert occupants and emergency responders to fire or safety hazards within a structure and must meet the minimum design standards of NFPA 72. These permits normally require two (2) separate inspections.

**Fire Pump Permit**

Provisions within the California Fire Code (CFC) require dedicated and consistent fire hydrant flow rates be available. Rated Fire Pumps are designed and installed to meet these minimum NFPA and CFC standards. Fire Pump permits normally require two (2) separate inspections.

**Underground Fire Main Permit**

Provisions within California Fire Code and NFPA require hydrant systems to be designed and installed with the capabilities to deliver the required fire flow. A minimum of three (3) inspections are required to inspect several phases of construction on this permit.

## CED - BUILDING AND FIRE SAFETY

### COMMENTS (continued)

#### **Fireworks Booth Permit**

Safe and Sane Fireworks are permitted in Madera County in areas that fall within Local Responsibility Areas (LRA). LRA's are predominantly South and East of the Madera Canal. Fireworks booths require coordination with a non-profit entity, Madera County Fire Prevention and the State Fire Marshal's Office for licensing, permitting and inspection. Normally two (2) inspections are standard with a firework booth permit.

#### **Fireworks Display Permit**

Large diameter fireworks are permitted to be moved, stored and handled only by California State Fire Marshal licensed individuals. Public Fireworks displays are done several times a year within the unincorporated area of Madera County. Firing sites range from Bass Lake to Children's Hospital. These are special occasion displays usually in conjunction with 4<sup>th</sup> of July, or New Year's Eve celebrations. Each public display requires eight (8)+ hours of set up and inspection by CED-Fire staff. Emergency stand-by of Law Enforcement and/or fire station personnel is also required.

The second half of the building/fire safety/construction process is the inspection of the work. Inspections are made during certain points in the project, depending on the work that's being performed. For example, retaining walls require inspections of the footing, after block is laid and steel placed but before grouting, after backfill has been placed, and when all work is finished.

### ESTIMATED REVENUES

**620300**      **Construction Permits** (\$1,680,000) is recommended increased \$65,000 for residential and commercial building permits. Increase due to new development in Madera County .

**620700**      **Other Licenses & Permits** (\$215,000) is recommended increased \$14,970 for fire and sprinkler permits. Increase due to new development in Madera County.

### ESTIMATED REVENUES (continued)

**632000**      **Other Court Fines** (\$5,000) is recommended decreased \$2,162 for fees collected for life and safety issues.

**660800**      **Planning & Engineer Service** (\$500,000) is recommended increased \$18,000 for fees collected from commercial and residential plan.

## CED - BUILDING AND FIRE SAFETY

### **SALARIES & EMPLOYEE BENEFITS**

- 710102**      **Permanent Salaries** (\$1,173,487) is recommended increased \$116,032 based on the cost of recommended salaries with the proposed staffing levels.
- 710103**      **Extra Help** (\$114,248) is recommended increased \$43,908 to fund one extra help, full time Building Inspector I, one extra help Fire Prevention Officer I and one extra help, full time Office Assistant to assist with the accounts payable, inspection scheduling, and notices on expired permits and building violations.
- 710105**      **Overtime** (\$20,000) is recommended unchanged to allow personnel to meet periodic demand of the development community.
- 710200**      **Retirement** (\$414,790) reflects the County's anticipated contribution to Social Security and the Public Employees' Retirement System.
- 710300**      **Health Insurance** (\$219,653) is based on the employer's share of health insurance premiums.
- 710400**      **Workers' Compensation** (\$72,000) reflects the Division's contribution to the County's Self-Insurance Internal Service Fund.

### **SERVICES & SUPPLIES**

- 720200**      **Clothing & Personal Supplies** (\$12,000) is recommended increased \$2,000 to fund uniform shirts, rain gear, gloves and hard hats for protection worn by field staff at inspection sites.
- 720300**      **Communications** (\$11,000) is recommended increased \$730 for phone service at the Bass Lake Office; cellular phones for improving effectiveness and efficiency of the division and customer service. Additionally, data plans for four (4) tablet PCs are utilized to allow access to building codes by Building Inspectors to work more effectively in the field and allow electronic communication with the public from any Wi-Fi supported zone.
- 720600**      **Insurance** (\$85,000) reflects the Division's contribution to the County's Self-Insured Liability Program.
- 720800**      **Maintenance - Equipment** (\$1,000) is recommended unchanged for maintenance of equipment, printers and computers.
- 721000**      **Medical, Dental & Laboratory Supplies** (\$250) is recommended unchanged for purchase of first-aid supplies for each of the Building and Fire Inspector's vehicles.

## CED - BUILDING AND FIRE SAFETY

### SERVICES & SUPPLIES (continued)

- 721100**      **Memberships** (\$1,200) is recommended increased \$40 for membership dues for the International Code Council, the California Building Officials, the California Building Officials Association of California, the Yosemite Chapter of the International Code Council, and for additional estimated membership requirements needed for Division's personnel to attend code training, which is State-mandated.
- 721300**      **Office Expense** (\$20,000) is recommended increased \$1,500 for the purchase of new code books and training manuals for the updated Building Codes, printed forms, office supplies, computer supplies, and printer paper.
- 721400**      **Professional & Specialized Services** (\$328,000) is recommended decreased \$157,000 to fund the use of outside contractors for specialized plan checking and inspectors when the workload exceeds staffing, (Interwest Consulting Group and Salem Engineering Group), as well as the technical support services from Computronix for the maintenance of the POSSE database.
- 721500**      **Publications and Legal Notices** (\$700) is recommended unchanged for public notices of Fee Increases and Relocation Hearings which are required per state law.
- 721600**      **Rents & Leases - Equipment** (\$93,000) is recommended increased \$1,000 to lease vehicles from the Central Garage, and for the business machine lease. The division has nine (9) vehicles, and will be adding two additional vehicles for additional Building and Fire Inspectors.
- 721800**      **Small Tools & Instruments** (\$5,000) is recommended unchanged to provide for the Division's need for equipment such as ladders, toolboxes, flashlights, and tools needed to carry out inspections.
- 721900**      **Special Departmental Expense** (\$5,000) is recommended unchanged to purchase batteries for GPS units, cameras, other minor special needs expenses, and the estimated cost for the Building Official's certification renewals.
- 722000**      **Transportation & Travel** (\$32,000) is recommended increased \$9,000 for CASp training and certification (mandated training for the permit and inspection staff), and training on the new California Building Codes which go into effect January 1, 2020. New codes take effect every three years, and during the code cycle, amendments and code changes take place which require continual training on the codes for all staff. Staff will utilize electronic technology and local training when possible to minimize County costs. In addition, per Health & Safety Code Section 18949.29, 45 hours of continuing education are required every three years for Building Officials, Plans Examiners, Permit Technicians and Building Inspectors.

**COUNTY OF MADERA  
BUDGET UNIT POSITION SUMMARY  
BUDGET FOR THE FISCAL YEAR 2019-20**

Department: **BUILDING  
INSPECTIONS (01370)**  
Function: **General**  
Activity: **Property Management**  
Fund: **General**

<u>JCN</u>	<u>CLASSIFICATION</u>	<u>2018-19 Authorized Positions</u>		<u>2019-20 Proposed Positions</u>		<u>Y-O-Y Changes in Positions</u>		<u>Notes</u>
		<u>Funded</u>	<u>Unfunded</u>	<u>Funded</u>	<u>Unfunded</u>	<u>Funded</u>	<u>Unfunded</u>	
3205	Administrative Analyst I or							
3206	Administrative Analyst II or							
3209	Senior Administrative Analyst	1.0	-	1.0	-	-	-	
3151	Building Inspector I							
3152	Building Inspector II							
	Building Inspector III	5.0	-	5.0	-	-	-	
3150	Supervising Building Inspector	1.0	-	1.0	-	-	-	
4103	Deputy Director of CED-Building and Fire Safety	1.0	-	1.0	-	-	-	
3153	Plan Checker I							
	Plan Checker II							
	Plan Checker III	3.0	-	3.0	-	-	-	
	Supervising Plan Checker	1.0	-	1.0	-	-	-	
3636	Program Assistant I or							
3637	Program Assistant II							
3418	Permit Technician	2.0	-	2.0	-	-	-	
3513	Senior Permit Technician	1.0	-	1.0	-	-	-	
	CED Bus. System Information Analyst	1.0	-	1.0	-	-	-	
3154	Fire Prevention Officer	1.0	1.0	1.0	1.0			
	<b>TOTAL</b>	<b>17.0</b>	<b>1.0</b>	<b>17.0</b>	<b>1.0</b>	<b>-</b>	<b>-</b>	