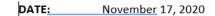


All Hazards Planning Codes

Comprehensive Update to the City's Health and Safety Codes





TO: City Council

FROM: Nathan Pry, Fire Marshal / Deputy Chief

RE: RESOLUTION IN SUPPORT CITY OF ANGELS CAMP HAZARD MITIGATION PROJECTS FOR THE 2021
CALAVERAS COUNTY OPERATIONAL AREA MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN

RECOMMENDATION

Approve Resolution 20-46 approving the City of Angels Camp hazard mitigation projects for the 2021 Calaveras County Operational Area Multi-Jurisdictional Hazard Mitigation Plan

BACKGROUND/DISCUSSION

An update to the Calaveras County Operational Area Multi-Jurisdictional Hazard Mitigation Plan (Plan) is required every five years and is currently in progress.

The Plan provides a basis for preparing emergency response plans and is incorporated into the City (and County) general plans pursuant to state law. The Plan identifies the highest risk hazards facing all of Calaveras County, including the City. The draft list of those hazards follows:

	Hazard Ranking
1.	Wildfire
2.	Drought
3.	Severe Weather - Extreme Heat
4.	Climate Change
5.	Severe Weather - Winter Storms & Extreme Cold
6.	Severe Weather - Wind
7.	Flooding
8.	Landslide/Debris Flow
9.	Dam Failure
10	. Earthquake
11	. Land Subsidence (Sinkhole)
12	. Volcano

Program (FEMA Reference #)	Short description
WF-2 Integrate Local Hazard Mitigation Plan	Self-explanatory
into Safety Element of the General Plan	
MU-14 Develop and Conduct a Multi-Hazard	Self-explanatory
Seasonal Public Awareness Program	
MU-13 Water storage tank	Redundant water storage tank for water supply in the City
MU-13 Design and Drill Water Well to Provide	Redundant water supply supplementing surface water supply
Water Supply	
MU-6 – Update Local Mitigation, Disaster	Update or prepare and adopt in the City (and County) Codes <u>: Fire</u>
Recovery, and All Hazards Planning Codes	Safety standards; Flood Hazard prevention; grading, drainage, and
	erosion control standards; post-disaster recovery standards
D-7 Reclaimed Water Line	Use reclaimed water for irrigation, possibly fire suppression
D- <u>7 Retrofit</u> Water Supply Systems	See preceding
WF-7 Create Defensible Space Around	Self-Explanatory
Structures and Infrastructure	
WF-8 Conduct Maintenance to Reduce	Self-Explanatory
Wildfire Risks	
WF-9 Implement a Fuels Management	Self-Explanatory
Program	
WF-11 Increase Wildfire Risk Awareness	Self-Explanatory
WF- <u>12 Educate</u> Property Owners about	Self-Explanatory
Wildfire Mitigation Techniques	
WF-12/MU-9 Private Property Owner Small	Program to provide small grants to private property owners to
Grant Mitigation Projects	undertake fuel load reduction or related hazard reduction
	programs on private property
F- <u>15 Sewer</u> and Water Line Relocation	East Trunk Sewer Line Project and Water Treatment Plant
	Generator
F- <u>18 Flood</u> Zone Relocation of Fire Station 1	New fire station at new location where emergency response is not
	impeded by flood zone
F-18/MU- <u>13 Redundant</u> Power Supply Project	Install Generators at City Hall/Emergency Operations Center and
	Fueling Station, Water Treatment Plant and Angels Lift Station
F-18 Redundant Data Storage Project	Provide cloud storage for City documentation to prevent loss from
	hazards
F-20/ER-5 Protecting and Restoring Natural	Repair erosion along Angels Creek/Finnegan Lane
Flood Mitigation Features	
WW-6/SW- <u>7 Severe</u> Weather Education for	Self-Explanatory
Vulnerable Populations	

1____



HAZARD MITIGATION GRANT PROGRAM PLANNING SUBAPPLICATION

DISASTER NUMBER:

DR-4558

JURISDICTION NAME:

City of Angels

PLAN TITLE:

Update Local Mitigation, Disaster Recovery

and All Hazards Planning Codes

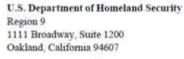
CONTROL NUMBER:

PA-00000565

THE CONTROL NUMBER IS RECEIVED AT TIME OF SUCCESSSFUL NOI SUBMITTAL









July 14, 2022

Mark S. Ghilarducci, Director Governor's Authorized Representative California Governor's Office of Emergency Services 3650 Schriever Avenue Mather, CA 95655

Reference: Application Approval, HMGP DR-4558-565-022P

City of Angels

7% City of Angels All Hazard Planning Code Update Project

FIPS Code: 009-02112, Supplement 22

Dear Mark Ghilarducci:

We approve and issue Hazard Mitigation Grant Program (HMGP) funds for the City of Angels, HMGP DR-4558-565-022P, 7% City of Angels All Hazard Planning Code Update Project.

The total project cost is \$80,000. As shown in the enclosed Obligation Report – Supplement 22, we are obligating \$60,000 for the 75 percent Federal share; the 25 percent non-Federal share is \$20,000. These funds are available in SmartLink for immediate and eligible disbursements. The following is a summary of the approved funding:

Total Project Cost:	Federal Share (75%):	Non-Federal Share (25%):
\$80,000	\$60,000	\$20,000

Background

Hired Interwest Formed a
Steering
Committee

Steering Committee

City Council member

Planning Commission member

Fire Department - Fire Chief, Fire Marshal

Police Department - Police Chief

City Engineer

City Planner

Public Works

City Administrator

Primary
Topics
for Code
Updates



All Codes

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Establish (e.g., Grading, Erosion Control)
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Consolidate

Eliminate conflicts and redundancy

Consistency with state mandates

Grading,
Drainage, and
Erosion Control
NEW

Grading, Drainage and Erosion Control Manual

incorporated into the City Improvement Standards

General Plan: Adopting a grading ordinance with best management practices (6.A.l and 4.C.f, 4.G.a)



New Section
15.30 Grading
(8 pages)

• Implemented and enforced by the City Engineer



15.30 Grading Ordinance

15.30.070 Anticipatory Grading

Grading in anticipation of new or expanded construction or development requiring a building or planning permit is prohibited.

Upon receipt of an application for building or development requiring a permit; the City may, at its discretion, issue a grading permit prior to issuance of the pending entitlement. The City may request assurances as necessary to ensure site remediation should site development fail to occur within one year after grading commences or an extension is granted by the City.

Grading permit is **NOT REQUIRED**

15.30.08 Grading Permit Exemptio ns

- Less than 50 cubic yards;
- Fills that include less than one acre of land area, less than one foot in depth, natural terrain with a slope flatter than 1 vertical:5 horizontal (20%)
- Cuts that include less than one acre of land area, less than two feet below ground surface, no more than 50 cubic yards of material disposed offsite
- Geotechnical, geological, or soil investigations



50 cubic yards

15.30.09 Grading Permit Exemptio ns

• Maintenance of existing firebreaks, driveways, and roadways with no significant grade or drainage changes

• Trenching and grading incidental to the siting, construction or installation of Cityapproved underground utilities

• Permitted solid waste disposal facilities, mining, quarrying, processing, and sale of aggregate products

15.30.09 Grading Permit Exemptio ns

• Cemetery excavations and fills for individual burials.

• Planting and growing row or field crops.
Incorporate use of "best management practices"

• Fuel reduction and fire protection measures that do not substantially change the natural contour of the land and disturb less than one acre of soil.

Emergency work

15.30.070 Grading Permit Requirements

Permit Required:

- If not exempted
- Requires engineered design
- Will obstruct the flow of water (e.g., dam construction, regardless of size), in a floodplain,
- Requires a streambed or lakebed alteration agreement under California Fish and Game Code Section 1600 et seq;
- Requires a United States Army Corps of Engineers permit under Section 10 or Section 404 of the federal Clean Water Act; or

15.30.070 Grading Permit Requirements

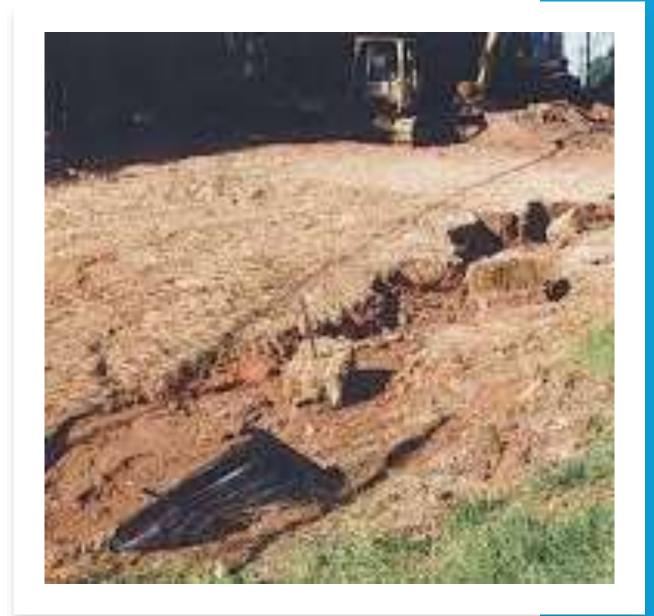
• Subject to California Environmental Quality Act ("CEQA") review;

• May:

- a. Endanger a structure intended for human or animal occupancy
- b. Threaten stability of any public roadway
- c. Adversely impact existing drainage, water, sewer, or other public facilities
- d.Exacerbate existing flood conditions
- e. Divert or modify drainage onto an adjacent parcel

Drainage and Erosion Control

- Adopting standards for erosion control (6.A.m, 9.A.d)
- Requiring drainage plans and studies to evaluate impacts on downstream facilities (and stormwater runoff) (6.B.f, 7H.c)



Grading,
Drainage, and
Erosion Control
NEW

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incorporated into the City Improvement Standards

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