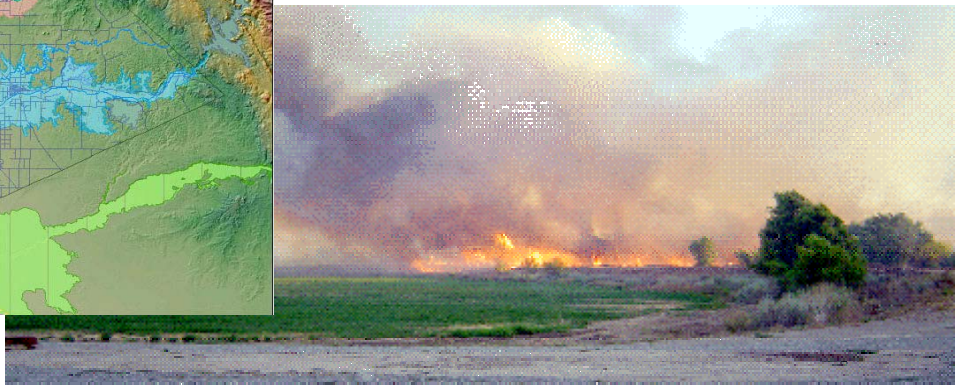
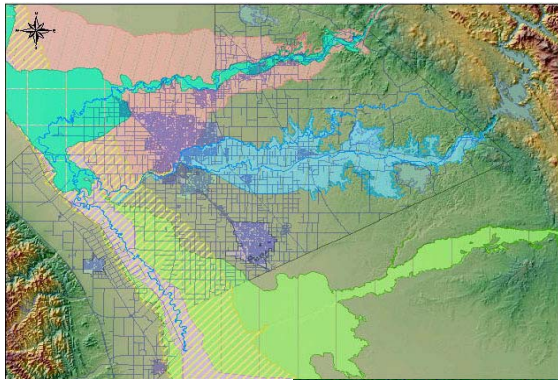


Stanislaus County Multi-Jurisdictional Hazard Mitigation Plan



Volume One County Plan





Stanislaus County

Multi-Jurisdictional Hazard Mitigation Plan

Volume One

County Plan



CHIEF EXECUTIVE OFFICE

1010 10TH Street, Suite 6800, Modesto, CA 95354
P.O. Box 3404, Modesto, CA 95353-3404

Phone: 209.525.6333 Fax 209.544.6222

Friday, March 04, 2005

Mr. Dennis Babson, Emergency Services Coordinator
Governor's Office of Emergency Services
Disaster Assistance Division, Hazard Mitigation Section
3650 Schriever Avenue
Mather, California 95655

Dear Mr. Babson:

The Board of Supervisors unanimously approved that Stanislaus County participates in developing a Local Hazard Mitigation Plan. The County is committed to reducing risks from natural hazards to make our communities disaster resistant. We are submitting five binders for approval. Volume One contains the County's final submission. The County is partnering with several jurisdictions whose submissions are included in Volumes Two and Three. Upon your review, we would appreciate you forwarding our final submissions to the Federal Emergency Management Agency for their review. The Board of Supervisors will formally adopt the County's Local Hazard Mitigation Plan after State and FEMA approval as recommended in your instructions.

We appreciate your help and assistance on this project. Please call me at 209-525-6532 if you have any questions.

Sincerely,

Marnie Ardis
LHMP Project Manager
Stanislaus County



**STANISLAUS COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN**

TABLE OF CONTENTS

Volume One -- Risk Assessment

Overview	Tab 1
Regional Profile	Tab 2
Description	3
Population	3
Employment	5
Transportation	7
Schools	8
Authority by Board of Supervisors	Tab 3
Letter of Intent to Develop a Multi-Jurisdictional Hazard Mitigation Plan	
Board of Supervisors Agenda Item	
Planning Process	Tab 4
Documentation of the Planning Process	9
Task Force Leaders	10
Geographical Information System (GIS) Project Planning	12
GIS Project Objective	12
GIS Project Planning Meetings	13
Formal Delineation of Included and Excluded Jurisdictions	14
Risk Assessment	Tab 5
Earthquake Hazard	18
Profile--Earthquake Hazard Events	18
Assess Earthquake Vulnerability	
Overview	19
Identifying Structures	19
Estimating Potential Losses	21
Analyzing Development Trends	27
Multi-Jurisdictional Earthquake Risk Assessment	28

Page

OVERVIEW

1

**REGIONAL
PROFILE**

2

AUTHORITY

3

**PLANNING
PROCESS**

4

**RISK
ASSESS-
MENT**

5

**MITIGATION
STRATEGY**

6

**MAINTENANCE
PROCESS**

7

APPENDICES

8

**STANISLAUS COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN**

**TABLE OF CONTENTS
(Continued)**

Landslide Hazard	29
Profile--Landslide Events	29
Assess Landslide Vulnerability	
Overview	29
Identifying Structures	30
Estimating Potential Losses	31
Analyzing Development Trends	31
Multi-Jurisdictional Landslide Risk Assessment	32
Dam Failure/Inundation Hazard	33
Profile--Dam Failure	33
Assess Dam Failure Vulnerability	
Overview	35
Identifying Structures	35
Estimating Potential Losses	35
Analyzing Development Trends	41
Multi-Jurisdictional Dam Failure Risk Assessment	41
Flood Hazard	42
Profile--Flood Events	42
Assess Flood Vulnerability	
Overview	44
Identifying Structures	44
Estimating Potential Losses	44
Analyzing Development Trends	49
Multi-Jurisdictional Flood Risk Assessment	50
Wildfire Hazard	51
Profile--Wildfire	51
Assess Wildfire Vulnerability	
Overview	53
Identifying Structures	55
Estimating Potential Losses	55
Analyzing Development Trends	61
Multi-Jurisdictional Wildfire Risk Assessment	62
Mitigation Strategy	Tab 6
Introduction.....	63
Planning Process.....	64
Criteria Used to Prioritize Mitigation Activities.....	64
Why Do We Need a Mitigation Strategy?	64
Funding Priorities	65
Mitigation Goals— Earthquakes	66

Identification and Analysis of Mitigation Actions—Earthquakes.....	66
Implementation of Mitigation Actions—Earthquakes.....	67
Multi-Jurisdictional Mitigation Actions—Earthquakes.....	69
Mitigation Goals— Landslides	70
Identification and Analysis of Mitigation Actions—Landslides	70
Implementation of Mitigation Actions—Landslides	71
Multi-Jurisdictional Mitigation Actions—Landslides	72
Mitigation Goals— Dam Inundation	73
Identification and Analysis of Mitigation Actions—Dam Inundation	73
Implementation of Mitigation Actions—Dam Inundation	74
Multi-Jurisdictional Mitigation Actions—Dam Inundation	74
Mitigation Goals— Flood	75
Identification and Analysis of Mitigation Actions—Flood	75
Implementation of Mitigation Actions—Flood	76
Multi-Jurisdictional Mitigation Actions—Flood	77
Mitigation Goals— Wildfire	78
Identification and Analysis of Mitigation Actions—Wildfire	78
Implementation of Mitigation Actions—Wildfire	79
Multi-Jurisdictional Mitigation Actions—Wildfire	80
Plan Maintenance Process	Tab 7
Maintenance Process.....	81
Timeline Table for Updating MJHMP.....	81
Criteria for Revisions to the MJHMP	82
Adoption and Implementation of the Plan.....	82
Participating Jurisdictions in the County’s MJHMP	83
Appendices	Tab 8
Earthquake Hazard	Appendix A
Population and Housing	A-3
Parcel Values (for privately-owned properties)	A-4
County Properties (buildings and building sites)	
Existing Facilities	A-8
Future Planned Facilities	A-33
Infrastructure	
Bridges	A-38
Drainage Facilities	A-40
Lighting Facilities	A-51
Traffic Signals	A-54
Flood Hazard	Appendix B
Population and Housing	A-60
Parcel Values (for privately-owned properties)	A-61
County Properties (buildings and building sites)	
Existing Facilities	A-69
Future Planned Facilities	A-111
	A-113

Infrastructure	
Drainage Facilities	A-114
Bridges	A-115
Lighting Facilities	A-119
Traffic Signals	A-121
Inundation Hazard	
Don Pedro Reservoir	Appendix C A-122
Population and Housing	A-123
Parcel Values (for privately-owned properties)	A-124
County Properties (buildings and building sites)	
Existing Facilities	A-131
Future Planned Facilities	A-132
Infrastructure	
Bridges	A-133
Drainage Facilities	A-136
Lighting Facilities	A-137
Traffic Signals	A-138
Exchequer Reservoir	Appendix D A-139
Population and Housing	A-140
Parcel Values (for privately-owned properties)	A-141
County Properties (buildings and building sites)	
Existing Facilities	A-146
Future Planned Facilities	A-147
Infrastructure	
Bridges	A-148
Drainage Facilities	A-149
Lighting Facilities	A-150
Traffic Signals	A-151
New Melones Reservoir	Appendix E A-152
Population and Housing	A-153
Parcel Values (for privately-owned properties)	A-154
County Properties (buildings and building sites)	
Existing Facilities	A-160
Future Planned Facilities	A-163
Infrastructure	
Bridges	A-164
Drainage Facilities	A-167
Lighting Facilities	A-169
Traffic Signals	A-172
Pine Flat Reservoir	Appendix F A-173
Population and Housing	A-174
Parcel Values (for privately-owned properties)	A-175

County Properties (buildings and building sites)	
Existing Facilities	A-178
Future Planned Facilities	A-179
Infrastructure	
Bridges	A-180
Drainage Facilities	A-181
Lighting Facilities	A-182
Traffic Signals	A-183
San Luis Reservoir	Appendix G
Population and Housing	A-184
Parcel Values (for privately-owned properties)	A-185
County Properties (buildings and building sites)	
Existing Facilities	A-186
Future Planned Facilities	A-190
Infrastructure	
Bridges	A-191
Drainage Facilities	A-192
Lighting Facilities	A-193
Traffic Signals	A-194
Tulloch Reservoir	Appendix H
Population and Housing	A-196
Parcel Values (for privately-owned properties)	A-197
County Properties (buildings and building sites)	
Existing Facilities	A-198
Future Planned Facilities	A-202
Infrastructure	
Bridges	A-203
Drainage Facilities	A-204
Lighting Facilities	A-205
Traffic Signals	A-206
Landslide Hazard	Appendix I
Population and Housing	A-209
County Properties (buildings and building sites)	
Existing Facilities	A-210
Future Planned Facilities	A-211
Infrastructure	
Bridges	A-212
Lighting Facilities	A-213
Traffic Signals	A-214
Wildfire Hazard	Appendix J
Population and Housing	A-216
Parcel Values (for privately-owned properties)	A-217

County Properties (buildings and building sites)	
Existing Facilities	A-221
Future Planned Facilities	A-222
Wildfire Hazard (continued)	
Infrastructure	
Bridges	A-223
Drainage Facilities	A-227
Lighting Facilities	A-228
Traffic Signals	A-230
Baseline Data*	Appendix K
Total Population and Housing Units by Jurisdiction	A-231
Total Property Value by Jurisdiction	A-232
Existing Stanislaus County Properties -- All Buildings and Sites	A-234
Future Stanislaus County Properties -- Planned Buildings and Sites	A-249
All Bridges	A-254
All Drainage Facilities	A-256
All Lighting Facilities	A-266
All Traffic Signals	A-269
	A-272

* Baseline data is the total inventory subject to risk for any hazard.


**STANISLAUS COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN**

TABLE OF EXHIBITS

Exhibit Nbr.	Description	Page
General / Overview		
...	Letter of Intent to Develop a Multi-Jurisdictional Hazard Mitigation Plan ...	Tab 3
...	Board of Supervisors Agenda Item	Tab 3
...	Jurisdictions Invited	Page 9
...	Task Force Leaders	10
Earthquake Hazard		
E-1	Earthquake Hazard Overview Map	22
E-2	County Facilities (North) Earthquake Hazard Map	23
E-3	County Facilities (South) Earthquake Hazard Map	24
E-4	Future County Facilities Earthquake Hazard Map	25
E-5	Property Values at Earthquake Risk	26
E-6	Population and Housing at Earthquake Risk	27
Dam Failure / Inundation Hazard		
I-1	Dam Failure / Inundation Hazard Overview Map	37
I-2	County Facilities (North) Inundation Hazard Map	38
I-3	County Facilities (South) Inundation Hazard Map	39
I-4	Future County Facilities Inundation Hazard Map	40
I-5	Summary of Dam Failure/Inundation Risks in Stanislaus County	36
Flood Hazard		
F-1	Flood Hazard Overview Map	45
F-2	County Facilities (North) Flood Hazard Map	46
F-3	County Facilities (South) Flood Hazard Map	47
F-4	Future County Facilities Flood Hazard Map	48
F-5	Summary of Properties at Flood Risk in Stanislaus County	49
Wildfire Hazard		
W-1	Wildfire Hazard Overview Map	56
W-2	County Facilities (East) Wildfire Hazard Map	57
W-3	County Facilities (South) Wildfire Hazard Map	58
W-4	Future County Facilities Wildfire Hazard Map	59
W-5	Summary of Properties at Wildfire Risk in Stanislaus County	60

Jurisdiction: STANISLAUS COUNTY, CALIFORNIA

Local Mitigation Plan Review and Approval Status

Jurisdiction: County of Stanislaus, California		Title of Plan: Local Hazard Mitigation Plan: Risk Assessment	Date of Plan: January 11, 2005
Local Point of Contact: Marnie Ardis	Address: County of Stanislaus Chief Executive Office 1010 10 th Street, Suite 6800 Modesto, CA 95354		
Title:	E-Mail: Ardism@mail.co.stanislaus.ca.us		
Project Manager			
Agency: Stanislaus County Chief Executive Office/Office of Emergency Services			
Phone Number: (209) 525-6333			

State Reviewer:	Title:	Date:
------------------------	---------------	--------------

FEMA Reviewer:	Title:	Date:
Date Received in FEMA Region #9		
Plan Not Approved		
Plan Approved		
Date Approved		

Jurisdiction:	NFIP Status*				CRS Class
	Y	N	N/A		
1. Stanislaus County	Y				
2. City of Ceres	Y				
3. City of Hughson	Y				
4. City of Modesto	Y				
5. City of Newman	Y				

* Notes: Y = Participating N = Not Participating N/A = Not Mapped

LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK

FEMA REGION #9

Jurisdiction: STANISLAUS COUNTY, CALIFORNIA

Jurisdiction:	NFIP Status*				CRS Class
	Y	N	N/A		
6. City of Oakdale		N			
7. City of Patterson	Y				
8. City of Riverbank	Y				
9. City of Turlock	Y				
10. City of Waterford		N			
11. Stanislaus County Board of Education	Y				
12. Ceres Unified School District	Y				
13. Chatham Union School District	Y				
14. Denair Unified School District		N			
15. Empire Union School District	Y				
16. Graton School District	Y				
17. Hart-Ransom School District	Y				
18. Hickman Charter School District	Y				
19. Hughson Unified School District	Y				
20. Keyes Union School District	Y				
21. Knights Ferry School District	Y				
22. LaGrange School District	Y				
23. Modesto City School District	Y				
24. Newman-Crows Landing Unified School District	Y				
25. Oakdale Joint Unified School District	Y				

LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK

FEMA REGION #9

Jurisdiction: STANISLAUS COUNTY, CALIFORNIA

Jurisdiction:	NFIP Status*				CRS Class
	Y	N	N/A		
26. Paradise School District	Y				
27. Patterson Joint Unified School District		N			
28. Riverbank Unified School District	Y				
29. Roberts Ferry Union School District	Y				
30. Salida Union School District	Y				
31. Shiloh School District	Y				
32. Stanislaus Union School District	Y				
33. Sylvan Union School District	Y				
34. Turlock Joint School District	Y				
35. Valley Home Joint School District	Y				
36. Waterford Unified School District	Y				
37. Yosemite Community College District (and Modesto Junior College)	Y				
38. Crows Landing Community Services District		N			
49. Denair Community Services District		N			
50. Grayson Community Services District		N			
51. Keyes Community Services District		N			
52. Knights Ferry Community Services District		N			
53. Monterey Park Track Community Services District		N			
54. Riverdale Park Community Services District		N			
55. Westley Community Services District		N			

LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK

FEMA REGION #9

Jurisdiction: STANISLAUS COUNTY, CALIFORNIA

Jurisdiction:	NFIP Status*				CRS Class
	Y	N	N/A		
56. Burbank-Paradise Fire Protection District		N			
57. Ceres Fire Protection District		N			
58. Hughson Fire Protection District		N			
59. Industrial Fire Protection District		N			
60. Salida Fire Protection District		N			
61. Westport Fire Protection District		N			
62. Turlock Rural Fire Protection District		N			
63. West Stanislaus Fire Protection District	Y				
64. Oakdale Rural Fire Protection District		N			
65. Mountain View Volunteer Fire Protection District		N			
66. Denair Fire Protection District		N			
67. Keyes Fire Protection District		N			
68. Stanislaus Consolidated Fire Protection District		N			
69. Woodland Avenue Volunteer Fire Protection District		N			
70. Ceres Fire Services		N			
71. Modesto Fire Services		N			
72. Oakdale Fire Services		N			
73. Turlock Fire Services		N			
74. Hughson Police Services		N			
75. Modesto Police Services		N			

LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK

FEMA REGION #9

Jurisdiction: STANISLAUS COUNTY, CALIFORNIA

Jurisdiction:	NFIP Status*				CRS Class
	Y	N	N/A		
76. Newman Police Services		N			
77. Patterson Police Services		N			
78. Riverbank Police Services		N			
79. Waterford Police Services		N			
80. Del Puerto Health Care District	Y				
81. Oak Valley Hospital District		N			
82. West Side Community Health Care District		N			
83. Central California Irrigation District		N			
84. Modesto Irrigation District		N			
85. Oakdale Irrigation District		N			
86. Patterson Irrigation District		N			
87. Turlock Irrigation District	Y				
88. West Stanislaus Irrigation District		N			
89. Denair Municipal Advisory Council		N			
90. Empire Municipal Advisory Council		N			
91. Hickman Municipal Advisory Council		N			
92. Keyes Municipal Advisory Council		N			
93. Knights Ferry Municipal Advisory Council		N			
94. Salida Municipal Advisory Council		N			
95. Empire Sanitary District		N			

LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK

FEMA REGION #9

Jurisdiction: STANISLAUS COUNTY, CALIFORNIA

Jurisdiction:	NFIP Status*				CRS Class
	Y	N	N/A		
96. Salida Sanitary District		N			
97. Hills Ferry Cemetary District		N			
98. Knights Ferry Cemetary District		N			
99. Patterson Cemetary District		N			
100. Storm Drain District Number 8		N			
101. Newman Drainage District		N			
102. Orestimba Creek Flood Control District		N			
103. Sand Creek Flood Control District		N			
104. East Side Mosquito Abatement District		N			
105. Turlock Mosquito Abatement District		N			
106. Reclamation District #2063 Carpenter		N			
107. Reclamation District #2091 Chase		N			
108. East Stanislaus Resource Conservation District		N			
109. West Stanislaus Resource Conservation District		N			
110. El Solyo Water District	Y				
111. Oak Flat Water District	Y				
112. Eastside Water District		N			
113. Rock Creek Water District	Y				
114. Western Hills Water District		N			
115. New Del Puerto Water District	Y				

LOCAL HAZARD MITIGATION PLAN REVIEW CROSSWALK

FEMA REGION #9

Jurisdiction: STANISLAUS COUNTY, CALIFORNIA

Jurisdiction:	NFIP Status*				CRS Class
	Y	N	N/A		
116. Eastin Water District		N			
117. Stanislaus Economic Development & Workforce Alliance		N			

LOCAL MITIGATION PLAN REVIEW SUMMARY

The plan cannot be approved if the plan has not been formally adopted.

Each requirement includes separate elements. All elements of the requirement must be rated "Satisfactory" in order for the requirement to be fulfilled and receive a score of "Satisfactory." Elements of each requirement are listed on the following pages of the Plan Review Crosswalk. A "Needs Improvement" score on elements shaded in gray (recommended but not required) will not preclude the plan from passing. Reviewer's comments must be provided for requirements receiving a "Needs Improvement" score.

SCORING SYSTEM

Please check one of the following for each requirement.

N – Needs Improvement: The plan does not meet the minimum for the requirement. Reviewer's comments must be provided.

S – Satisfactory: The plan meets the minimum for the requirement. Reviewer's comments are encouraged, but not required.

Prerequisite(s) (Check Applicable Box)

Adoption by the Local Governing Body: \$201.6(c)(5) **OR**

NOT MET	MET
<input type="checkbox"/>	<input checked="" type="checkbox"/>

Multi-Jurisdictional Plan Adoption: \$201.6(c)(5) **AND**

<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Multi-Jurisdictional Planning Participation: \$201.6(a)(3)

Planning Process

Documentation of the Planning Process: \$201.6(b) and \$201.6(c)(1)

N	S
<input type="checkbox"/>	<input checked="" type="checkbox"/>

Risk Assessment

Identifying Hazards: \$201.6(c)(2)(i)

Profiling Hazards: \$201.6(c)(2)(i)

Assessing Vulnerability: Overview: \$201.6(c)(2)(ii)

Assessing Vulnerability: Identifying Structures: \$201.6(c)(2)(ii)(A)

Assessing Vulnerability: Estimating Potential Losses: \$201.6(c)(2)(ii)(B)

Assessing Vulnerability: Analyzing Development Trends: \$201.6(c)(2)(ii)(C)

Multi-Jurisdictional Risk Assessment: \$201.6(c)(2)(iii)

N	S
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Mitigation Strategy

Local Hazard Mitigation Goals: \$201.6(c)(3)(i)
 Identification and Analysis of Mitigation Actions: \$201.6(c)(3)(i)
 Implementation of Mitigation Actions: \$201.6(c)(3)(iii)
 Multi-Jurisdictional Mitigation Actions: \$201.6(c)(3)(iv)

N	S
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Plan Maintenance Process

Monitoring, Evaluating, and Updating the Plan: \$201.6(c)(4)(i)
 Incorporation into Existing Planning Mechanisms: \$201.6(c)(4)(ii)
 Continued Public Involvement: \$201.6(c)(4)(iii)

N	S
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Additional State Requirements*

Insert State Requirement
 Insert State Requirement
 Insert State Requirement

N	S
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

LOCAL MITIGATION PLAN APPROVAL STATUS

PLAN NOT APPROVED

PLAN APPROVED

*States that have additional requirements can add them in the appropriate sections of the *Multi-Hazard Mitigation Planning Guidance* or create a new section and modify this Plan Review Crosswalk to record the score for those requirements.

See Reviewer's Comments

PREREQUISITE(S)

Adoption by the Local Governing Body

Requirement §201.6(c)(5): [The local hazard mitigation plan *shall* include] documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval of the plan (e.g., City Council, County Commissioner, Tribal Council).

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			NOT MET	MET
A. Has the local governing body adopted the plan?	Volume 1, Tab 3	Board authorized initial submittal of Risk Assessment		
B. Is supporting documentation, such as a resolution, included?	Volume 1, Tab 3	Letter of Intent and Board agenda item included		
SUMMARY SCORE				

Multi-Jurisdictional Plan Adoption

Requirement §201.6(c)(5): For multi-jurisdictional plans, each jurisdiction requesting approval of the plan *must* document that it has been formally adopted.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			NOT MET	MET
A. Does the plan indicate the specific jurisdictions represented in the plan?	Vol 1, Tab 4, Pg 14	Describes included and excluded jurisdictions		
B. For each jurisdiction, has the local governing body adopted the plan?	Vol 2 (Incl. In each jurisdictions' tab	Included for all partners except City of Ceres (which joined the County's LHMP process late.)		
C. Is supporting documentation, such as a resolution, included for each participating jurisdiction?	Vol 2 (incl. In each jurisdictions' tab	Included for all partners except City of Ceres (which joined the County's LHMP process late.)		
SUMMARY SCORE				

Multi-Jurisdictional Planning Participation

Requirement §201.6(a)(3): Multi-jurisdictional plans (e.g., watershed plans) may be accepted, as appropriate, as long as each jurisdiction has participated in the process ... Statewide plans will not be accepted as multi-jurisdictional plans.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			NOT MET	MET
A. Does the plan describe how each jurisdiction participated in the plan's development?	Vol. 1, Tab 4, Pg 9	Complete description of the LHMP planning process		
SUMMARY SCORE				

PLANNING PROCESS: §201.6(b): *An open public involvement process is essential to the development of an effective plan.*

Documentation of the Planning Process

- Requirement §201.6(b):** *In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process shall include:*
- (1) *An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;*
 - (2) *An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process; and*
 - (3) *Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.*

Requirement §201.6(c)(1): *[The plan shall document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan provide a narrative description of the process followed to prepare the plan?	Vol. 1, Tab 4, Pg 9	Complete description of the LHMP planning process		
B. Does the plan indicate who was involved in the planning process? (For example, who led the development at the staff level and were there any external contributors such as contractors? Who participated on the plan committee, provided information, reviewed drafts, etc.?)	Vol. 1, Tab 4, Page 10	Project team is identified in Volume 1, Tab 4 ("documentation of the Planning Process"). Specific task force leaders are identified beginning on Vol. 1, Tab 4, Page 10.		
C. Does the plan indicate how the public was involved? (Was the public provided an opportunity to comment on the plan during the drafting stage and prior to the plan approval?)	Vol. 1, Tab 4, Page 10	Public meetings conducted with partner jurisdictions to coordinate inventory of risks. Mitigation plan development will include further public participation in next phase.		
D. Was there an opportunity for neighboring communities, agencies, businesses, academia, nonprofits, and other interested parties to be involved in the planning process?	Vol. 1, Tab 4, Page 10	Public meetings conducted with partner jurisdictions to coordinate inventory of risks. Mitigation plan development will include further public participation in next phase.		
E. Does the planning process describe the review and incorporation, if appropriate, of existing plans, studies, reports, and technical information?	Vol 1, Tab 4, Page 12	Describes existing resources utilized in the development of a new GIS tool to assess risks. Mitigation plan development will include reference to other existing resources in the next phase.		
SUMMARY SCORE				

RISK ASSESSMENT: §201.6(c)(2): *The plan shall include a risk assessment that provides the factual basis for activities proposed in the strategy to reduce losses from identified hazards. Local risk assessments must provide sufficient information to enable the jurisdiction to identify and prioritize appropriate mitigation actions to reduce losses from identified hazards.*

Identifying Hazards

Requirement §201.6(c)(2)(i): *[The risk assessment shall include a] description of the type ... of all natural hazards that can affect the jurisdiction.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
<p>A. Does the plan include a description of the types of all natural hazards that affect the jurisdiction? If the hazard identification omits (without explanation) any hazards commonly recognized as threats to the jurisdiction, this part of the plan cannot receive a Satisfactory score. Consult with the State Hazard Mitigation Officer to identify applicable hazards that may occur in the planning area.</p>	<p>Vol. 1, Tab 5, Page 16</p>	<p>Includes description of natural hazards and the process used to identify those hazards. An assessment of risks for each hazard follows on Vol. 1, Tab 5 pages 18-62. Natural hazards include: 1) seismic; 2) dam failure/inundation; 3) flood; 4) landslide; and 5) wildfire.</p>		
SUMMARY SCORE				

Profiling Hazards

Requirement §201.6(c)(2)(i): *[The risk assessment shall include a] description of the ... location and extent of all natural hazards that can affect the jurisdiction. The plan shall include information on previous occurrences of hazard events and on the probability of future hazard events.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
<p>A. Does the risk assessment identify the location (i.e., geographic area affected) of each natural hazard addressed in the plan?</p>	<p>Vol. 1, Tab 5, Pages 18-62</p>	<p>Hazard maps provided for earthquake, inundation, flood and wildfire risks. Description provided for landslide risks.</p>		
<p>B. Does the risk assessment identify the extent (i.e., magnitude or severity) of each hazard addressed in the plan?</p>	<p>Vol. 1, Tab 5, Pages 18-62</p>	<p>Extent or magnitude of risk is defined within each hazard map and described for landslide. Risk level is keyed to Appendices A-K, Tab 6.</p>		
<p>C. Does the plan provide information on previous occurrences of each hazard addressed in the plan?</p>	<p>Vol. 1, Tab 5, Pages 18-62</p>	<p>Previous occurrences described for each hazard: Earthquake (p 18), Landslide (p 29), Inundation (p 33), Flood (p 42), Wildfire (p 51).</p>		
<p>D. Does the plan include the probability of future events (i.e., chance of occurrence) for each hazard addressed in the plan?</p>	<p>Vol. 1, Tab 5, Pages 18-62</p>	<p>Probability of future occurrences described for each hazard: Earthquake (p 19), Landslide (p 29), Inundation (p 35), Flood (p 44), Wildfire (p 53).</p>		
SUMMARY SCORE				

Assessing Vulnerability: Overview

Requirement §201.6(c)(2)(ii): [The risk assessment shall include a] description of the jurisdiction’s vulnerability to the hazards described in paragraph (c)(2)(i) of this section. This description shall include an overall summary of each hazard and its impact on the community.

Element	Location in the Plan (section or annex and page #)	Reviewer’s Comments	SCORE	
			N	S
A. Does the plan include an overall summary description of the jurisdiction’s vulnerability to each hazard?	Vol. 1, Tab 5, Pages 18-62	Vulnerability overview described for each hazard: Earthquake (p 19), Landslide (p 29), Inundation (p 35), Flood (p 44), Wildfire (p 53).		
B. Does the plan address the impact of each hazard on the jurisdiction?	Vol. 1, Tab 6, Appendices A-K	Summary of impacts listed in overview of each hazard (Vol.1, Tab 5, p 18-62). Population, housing, property, infrastructure at risk and values listed in Appendices A-k (Vol. 1, Tab 6)		
SUMMARY SCORE				

Assessing Vulnerability: Identifying Structures

Requirement §201.6(c)(2)(ii)(A): The plan should describe vulnerability in terms of the types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard area ...

Element	Location in the Plan (section or annex and page #)	Reviewer’s Comments	SCORE	
			N	S
A. Does the plan describe vulnerability in terms of the types and numbers of existing buildings, infrastructure, and critical facilities located in the identified hazard areas?	Vol. 1, Tab 5, p 18-62 (Overview) and Tab 6, Appendices A-K (Detail)	Note: A “Needs Improvement” score on this requirement will not preclude the plan from passing. All existing properties, population, housing potentially at-risk are identified in Appendices A-K (Vol. 1, Tab 6) and summarized in Vol. 1, Tab 5, p 18-62.		
B. Does the plan describe vulnerability in terms of the types and numbers of future buildings, infrastructure, and critical facilities located in the identified hazard areas?	Vol. 1, Tab 5, p 18-62 (Overview) and Tab 6, Appendices A-K (Detail)	Note: A “Needs Improvement” score on this requirement will not preclude the plan from passing. All future County properties and infrastructure potentially at-risk are identified in Appendices A-K (Vol. 1, Tab 6) and summarized in Vol. 1, Tab 5, p 18-62.		
SUMMARY SCORE				

Assessing Vulnerability: Estimating Potential Losses

Requirement §201.6(c)(2)(ii)(B): [The plan should describe vulnerability in terms of an] estimate of the potential dollar losses to vulnerable structures identified in paragraph (c)(2)(i)(A) of this section and a description of the methodology used to prepare the estimate ...

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan estimate potential dollar losses to vulnerable structures?	Vol. 1, Tab 5, p 18-62 (Overview) and Tab 6, Appendices A-K (Detail)	Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing. All existing properties and improvement values potentially at-risk are identified in Appendices A-K (Vol. 1, Tab 6) and summarized in Vol. 1, Tab 5, p 18-62.		
B. Does the plan describe the methodology used to prepare the estimate?	Vol. 1, Tab 4, p 12	Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing. Description provided in "Geographical Information System (GIS) Project Planning" section.		
SUMMARY SCORE				

Assessing Vulnerability: Analyzing Development Trends

Requirement §201.6(c)(2)(ii)(C): [The plan should describe vulnerability in terms of] providing a general description of land uses and development trends within the community so that mitigation options can be considered in future land use decisions.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan describe land uses and development trends?	Vol. 1, Tab 5, Pages 18-62	Note: A "Needs Improvement" score on this requirement will not preclude the plan from passing. Earthquake (p 27); Landslide (p 31); Inundation (p 41); Flood (p 49); Wildfire (p 61).		
SUMMARY SCORE				

Multi-Jurisdictional Risk Assessment

Requirement §201.6(c)(2)(iii): For multi-jurisdictional plans, the risk assessment must assess each jurisdiction's risks where they vary from the risks facing the entire planning area.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan include a risk assessment for each participating jurisdiction as needed to reflect unique or varied risks?	See Crosswalk prepared by each multijurisdictional partner in Volumes 2 & 3	Volumes 2 and 3 provide the risk assessment for each partner.		
SUMMARY SCORE				

MITIGATION STRATEGY: §201.6(c)(3): *The plan shall include a mitigation strategy that provides the jurisdiction’s blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and its ability to expand on and improve these existing tools.*

Local Hazard Mitigation Goals

Requirement §201.6(c)(3)(i): *[The hazard mitigation strategy shall include a] description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A Does the plan include a description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards? (GOALS are long-term; represent what the community wants to achieve, such as “eliminate flood damage”; and are based on the risk assessment findings.)	Mitigation Strategy, Vol. 1, Tab 6, See each Hazard, Local Hazard Mitigation Goals	Mitigation goals are identified individually for each partner and by each risk.		
SUMMARY SCORE				

Identification and Analysis of Mitigation Actions

Requirement §201.6(c)(3)(ii): *[The mitigation strategy shall include a] section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan identify and analyze a comprehensive range of specific mitigation actions and projects for each hazard?	Mitigation Strategy, Vol. 1, Tab 6, Pg. 3, Funding Priorities and in Vol. 1, Tab 6, See each Hazard, Local Hazard Mitigation Goals	Specific mitigation actions are listed by partner for each risk. Funding priorities provide a relative ranking by type of measure.		
B Do the identified actions and projects address reducing the effects of hazards on new buildings and infrastructure?	Mitigation Strategy, Vol. 1, Tab 6, See each hazard, Identification and Analysis of Mitigation Hazards	Specific mitigation actions are listed by partner for each risk and encompass measures addressing both new and existing structures and property assets.		

<p>C. Do the identified actions and projects address reducing the effects of hazards on existing buildings and infrastructure?</p>	<p>Mitigation Strategy, Vol. 1, Tab 6, See each hazard, <i>Identification and Analysis of Mitigation Hazards</i></p>	<p>Specific mitigation actions are listed by partner for each risk and encompass measures addressing both new and existing structures and property assets.</p>	
<p>SUMMARY SCORE</p>			

Implementation of Mitigation Actions

Requirement: §201.6(c)(3)(iii): *[The mitigation strategy section shall include] an action plan describing how the actions identified in section (c)(3)(ii) will be prioritized, implemented, and administered by the local jurisdiction. Prioritization shall include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
<p>A. Does the mitigation strategy include how the actions are prioritized? (For example, is there a discussion of the process and criteria used?)</p>	<p>Mitigation Strategy, Vol. 1, Tab 6, Pg. 65, <i>Funding Priorities</i></p>	<p>Funding priorities provide a relative ranking by type of measure.</p>		
<p>B. Does the mitigation strategy address how the actions will be implemented and administered? (For example, does it identify the responsible department, existing and potential resources, and timeframe?)</p>	<p>Mitigation Strategy, Vol. 1, Tab 7, Pg. 82, <i>Adoption and Implementation of the Plan</i></p>	<p>An implementation strategy is identified for each action/priority, and the responsible agency, funding source, timeframe and deadline are indicated.</p>		
<p>C. Does the prioritization process include an emphasis on the use of a cost-benefit review (see page 3-36 of <i>Multi-Hazard Mitigation Planning Guidance</i>) to maximize benefits?</p>	<p>Mitigation Strategy, Vol. 1, Tab 6, Pg. 64-65 <i>Criteria Used to Prioritize Mitigation Activities and Funding Priorities</i></p>	<p>Use of a cost-benefit analysis is stressed in <i>Criteria Used to Prioritize Mitigation Activities</i> and is reflected in the <i>Funding Priorities</i>.</p>		
<p>SUMMARY SCORE</p>				

Multi-Jurisdictional Mitigation Actions

Requirement §201.6(c)(3)(iv): For multi-jurisdictional plans, there **must** be identifiable action items specific to the jurisdiction requesting FEMA approval or credit of the plan.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan include at least one identifiable action item for each jurisdiction requesting FEMA approval of the plan?	See Mitigation Plans of Multi-jurisdictional partners in Volumes 2 and 3	Each partner's action items are included in their respective Mitigation Plans provided in Volumes 2 and 3		
SUMMARY SCORE				

PLAN MAINTENANCE PROCESS

Monitoring, Evaluating, and Updating the Plan

Requirement §201.6(c)(4)(i): [The plan maintenance process **shall** include a] section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle.

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan describe the method and schedule for monitoring the plan? (For example, does it identify the party responsible for monitoring and include a schedule for reports, site visits, phone calls, and meetings?)	Mitigation Strategy, Vol. 1, Tab 7, Pg. 81, <i>Plan Maintenance Process</i>	Volume 1 Tab 7 specifically identifies the process for maintaining the Local Hazard Mitigation Plan, including identifications of responsibilities for monitoring, evaluation and updating of each plan component.		
B. Does the plan describe the method and schedule for evaluating the plan? (For example, does it identify the party responsible for evaluating the plan and include the criteria used to evaluate the plan?)	Mitigation Strategy, Vol. 1, Tab 7, Pg. 81, <i>Plan Maintenance Process</i>	Volume 1 Tab 7 specifically identifies the process for maintaining the Local Hazard Mitigation Plan, including identifications of responsibilities for monitoring, evaluation and updating of each plan component.		
C. Does the plan describe the method and schedule for updating the plan within the five-year cycle?	Mitigation Strategy, Vol. 1, Tab 7, Pg. 81, <i>Plan Maintenance Process</i>	Volume 1 Tab 7 specifically identifies the process for maintaining the Local Hazard Mitigation Plan, including identifications of responsibilities for monitoring, evaluation and updating of each plan component.		

		SUMMARY SCORE
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Incorporation into Existing Planning Mechanisms

Requirement §201.6(c)(4)(ii): *[The plan shall include a] process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan identify other local planning mechanisms available for incorporating the requirements of the mitigation plan?	Mitigation Strategy, Vol. 1, Tab 6, See each hazard, <i>Implementation Strategy</i>	The specific actions and priorities listed for each risk include the coordination of this plan with other planning resources, including the General Plan and other specific codes.		
B. Does the plan include a process by which the local government will incorporate the requirements in other plans, when appropriate?	Mitigation Strategy, Vol. 1, Tab 6, Pg. 63, <i>Introduction and Pg. 65, Funding Priorities.</i>	The specific actions and priorities listed for each risk include the coordination of this plan with other planning resources, including the General Plan and other specific codes.		
SUMMARY SCORE				

Continued Public Involvement

Requirement §201.6(c)(4)(iii): *[The plan maintenance process shall include a] discussion on how the community will continue public participation in the plan maintenance process.*

Element	Location in the Plan (section or annex and page #)	Reviewer's Comments	SCORE	
			N	S
A. Does the plan explain how continued public participation will be obtained? (For example, will there be public notices, an on-going mitigation plan committee, or annual review meetings with stakeholders?)	Mitigation Strategy, Vol. 1, Tab 7, Pg. 81, <i>Plan Maintenance Process</i>	The <i>Plan Maintenance Process</i> describes the major steps at which public input will be sought and the timeframe for each such action. Public input is typically sought during public workshops and meetings and by publishing the Plan process and documents on the County's web site.		
SUMMARY SCORE				

Jurisdiction: STANISLAUS COUNTY, CALIFORNIA

Matrix A: Profiling Hazards

This matrix can assist FEMA and the State in scoring each hazard. Local jurisdictions may find the matrix useful to ensure that their plan addresses each natural hazard that can affect the jurisdiction. **Completing the matrix is not required.**

Note: First, check which hazards are identified in requirement §201.6(c)(2)(i). Then, place a checkmark in either the N or S box for each applicable hazard. An "N" for any element of any identified hazard will result in a "Needs Improvement" score for this requirement. List the hazard and its related shortcoming in the comments section of the Plan Review Crosswalk.

Hazard Type	Hazards Identified Per Requirement §201.6(c)(2)(i)		A. Location		B. Extent		C. Previous Occurrences		D. Probability of Future Events	
	Yes		N	S	N	S	N	S	N	S
Avalanche	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal Erosion	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal Storm	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dam Failure	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drought	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Earthquake	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Expansive Soils	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extreme Heat	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flood	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hailstorm	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hurricane	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Land Subsidence	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Landslide	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Severe Winter Storm	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tornado	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tsunami	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Volcano	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wildfire	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Windstorm	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other _____	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other _____	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other _____	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Legend:

- §201.6(c)(2)(i) Profiling Hazards
- A. Does the risk assessment identify the location (i.e., geographic area affected) of each hazard addressed in the plan?
- B. Does the risk assessment identify the extent (i.e., magnitude or severity) of each hazard addressed in the plan?
- C. Does the plan provide information on previous occurrences of each natural hazard addressed in the plan?
- D. Does the plan include the probability of future events (i.e., chance of occurrence) for each hazard addressed in the plan?

Jurisdiction: STANISLAUS COUNTY, CALIFORNIA

Matrix B: Assessing Vulnerability

This matrix can assist FEMA and the State in scoring each hazard. Local jurisdictions may find the matrix useful to ensure that their plan addresses each requirement. **Completing the matrix is not required.**

Note: First, check which hazards are identified in requirement §201.6(c)(2)(i). Then, place a checkmark in either the N or S box for each applicable hazard. An "N" for any element of any identified hazard will result in a "Needs Improvement" score for this requirement. List the hazard and its related shortcoming in the comments section of the Plan Review Crosswalk.

Note: Receiving an N in the shaded columns will not preclude the plan from passing.

Hazard Type	Hazards Identified Per Requirement §201.6(c)(2)(i)		§201.6(c)(2)(ii) Assessing Vulnerability: Overview		A. Overall Summary Description of Vulnerability		B. Hazard Impact		§201.6(c)(2)(iii) Assessing Vulnerability: Identifying Structures		A. Types and Number of Existing Structures in Hazard Area (Estimate)		B. Types and Number of Future Structures in Hazard Area (Estimate)		§201.6(c)(2)(iii) Assessing Vulnerability: Estimating Potential Losses		A. Loss Estimate		B. Methodology		
	Yes		N	S	N	S	N	S	N	S	N	S	N	S	N	S	N	S	N	S	
Avalanche	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal Erosion	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal Storm	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dam Failure	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drought	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Earthquake	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Expansive Soils	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extreme Heat	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flood	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hailstorm	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hurricane	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Land Subsidence	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Landslide	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Severe Winter Storm	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tornado	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tsunami	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Volcano	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wildfire	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Windstorm	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Legend:

§201.6(c)(2)(ii) Assessing Vulnerability: Overview

A. Does the plan include an overall summary description of the jurisdiction's vulnerability to each hazard?

B. Does the plan address the impact of each hazard on the jurisdiction?

§201.6(c)(2)(ii)(A) Assessing Vulnerability: Identifying Structures

A. Does the plan describe vulnerability in terms of the types and numbers of existing buildings, infrastructure, and critical facilities located in the identified hazard areas?

B. Does the plan describe vulnerability in terms of the types and numbers of future buildings, infrastructure, and critical facilities located in the identified hazard areas?

§201.6(c)(2)(ii)(B) Assessing Vulnerability: Estimating Potential Losses

A. Does the plan estimate potential dollar losses to vulnerable structures?

B. Does the plan describe the methodology used to prepare the estimate?

Matrix C: Identification and Analysis of Mitigation Actions

This matrix can assist FEMA and the State in scoring each hazard. Local jurisdictions may find the matrix useful to ensure consideration of a range of actions for each hazard. **Completing the matrix is not required.**

Note: First, check which hazards are identified in requirement §201.6(c)(2)(i). Then, place a checkmark in either the N or S box for each applicable hazard. An "N" for any identified hazard will result in a "Needs Improvement" score for this requirement. List the hazard and its related shortcoming in the comments section of the Plan Review Crosswalk.

Hazard Type	Hazards Identified Per Requirement §201.6(c)(2)(i)		A. Comprehensive Range of Actions and Projects	
	Yes		N	S
Avalanche	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Coastal Erosion	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Coastal Storm	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Dam Failure	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Drought	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Earthquake	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Expansive Soils	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Extreme Heat	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Flood	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Hailstorm	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Hurricane	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Land Subsidence	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Landslide	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Severe Winter Storm	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Tornado	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Tsunami	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Volcano	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Wildfire	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Windstorm	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Other _____	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Other _____	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Other _____	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

Legend:
 §201.6(c)(3)(i) Identification and Analysis of Mitigation Actions
 A. Does the plan identify and analyze a comprehensive range of specific mitigation actions and projects for each hazard?



STANISLAUS COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN OVERVIEW

The Federal Emergency Management Agency (FEMA) has determined that there is a critical link between Hazard Mitigation Planning and sustainability. This means if Stanislaus County has the foresight to plan ahead to reduce the impacts of hazards, we will be better able to prevent injury, loss of life and damage to our homes, businesses, and neighborhoods. The County can use the threat of disaster as a catalyst to act and develop a plan so we can bounce back more quickly following a disaster. After November 1, 2004, all local governments in California will be required to have an approved Local Hazard Mitigation Plan in order to qualify for Federal mitigation funding. Unlike past years when a local plan was created after a disaster, this new program requires that an approved local plan be in place before a disaster strikes.

Stanislaus County has committed itself to reducing long-term risk to our citizens and damage to property from the effects of natural hazards. By planning, preparing and adopting a Multi-Jurisdictional Hazard Mitigation Plan, the County is taking a proactive approach to reduce and/or eliminate the impacts of hazards before they occur.

FEMA defines Hazard Mitigation as any sustained action taken to reduce or eliminate the long-term risk to human life and property from hazards. The County's plan will serve as a tool for learning from disasters that have already occurred, so we can deal with them better, quicker and less expensively than in the past!

Direct benefits include:

- Reduced loss of life, property, essential services, critical facilities and economic hardship;
- Reduced short-term and long-term recovery and reconstruction costs;
- Increased cooperation and communication within the community through the planning process; and
- Expedited post-disaster funding.

Indirect benefits include:

- Disaster resilience;
- Environmental quality;
- Economic vitality; and
- Improved quality of life.

The basic elements involved in our Hazard Mitigation Plan include:

Planning Process/Organize Resources—review existing plans and involve local agencies, businesses and members of the community.

Risk Assessment—identify hazards, vulnerabilities and impacts to determine and prioritize mitigation actions.

Mitigation Plan/Strategy—introduce the activities chosen to minimize the risks and losses associated with each hazard, and describe the strategy for implementation.

Monitor Progress/Plan Maintenance—describe the method and schedule for monitoring, evaluating and updating the plan.

Implement and Adopt Plan—the formal adoption of the plan by each governing body to demonstrate the commitment of the community and elected officials to the County's goal of becoming disaster-resistant.



STANISLAUS COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN REGIONAL PROFILE

DESCRIPTION

Stanislaus County is located in central California. It is bordered on the north by San Joaquin County, the east by Mariposa, Tuolumne, and Calaveras Counties, the south by Merced County, and the west by Alameda and Santa Clara Counties. The County's total area is 1,521 square miles, which accounts for 973,440 acres. The western boundary of the County is formed by the ridge of the Coast Range. The Stanislaus River forms a portion of the northern boundary with San Joaquin County.

Stanislaus County generally spans the width of the San Joaquin Valley floor nestled between the foothills of the Diablo Range to the west and the Sierra Nevada mountain foothills to the east. There are three major rivers in Stanislaus County. Two, the Stanislaus and the Tuolumne Rivers, run east to west. The third, the San Joaquin River, runs southeast to northwest. Dry Creek also runs east to west, then merges with the Tuolumne River in Modesto. There are no flow control systems on Dry Creek. Rainfall and runoff in the eastern portion of the County directly affect this creek. Modesto, Woodward and Turlock comprise the three major reservoirs in the County.

The County's geography places it at greatest risk of inundation from flood or dam failure risks; although other hazards due to seismic activity, wildfire and landslide are also possible. Much of Stanislaus County (nearly one-third of its land area) is located in the foothills west of Interstate 5 where very limited development and population exist. The County has less exposure to severe storm activity affecting California's coastal areas to the west and to the higher regions of the Sierra Nevada mountains; however, the subsequent runoff from storm activity poses a significant flood risk especially along the smaller, uncontrolled streams and rivers. Stanislaus County's land is entirely above sea level and is south of the Sacramento-San Joaquin River delta region.

The rich valley floor in Stanislaus County is a major agricultural production area. The County is also traversed by several vital north-south conduits for vehicular and rail transportation, communications, water and power.

POPULATION

Within Stanislaus County, there are nine incorporated cities: Ceres, Modesto, Patterson, Newman, Hughson, Riverbank, Oakdale, Turlock, and Waterford. The largest City in the County is Modesto with a 2003 California Department of Finance population of 203,294. However, Riverbank is the fastest growing city, with a population increase of 85.2% between 1990 and 2000. Additionally, there are 13 unincorporated communities within the County and substantial areas of State and Federally controlled lands such as parks, wildlife areas and other public lands.

Stanislaus County is a large, diverse, and rapidly developing jurisdiction. Much of the population growth over the last decade has been due to the County's location near the Bay Area, which includes San Francisco and the "Silicon Valley." The combination of the Bay Area job market, and freeway access to relatively inexpensive land for housing development in Stanislaus County, has contributed to increased development pressures in the cities within the County. Explosive residential growth has caused the County to become a bedroom community for the regional job centers of the Bay Area.

In the environment of California's rapidly urbanizing San Joaquin Valley, the entire County is a focal point of an area that many forecasters believe will be the fastest growing region in the State of California in the coming decades. Changing economic, political, and environmental factors, such as fuel prices, increasing fiscal pressures on local governments, housing prices and air and water quality will have significant effects on the future of Stanislaus County.

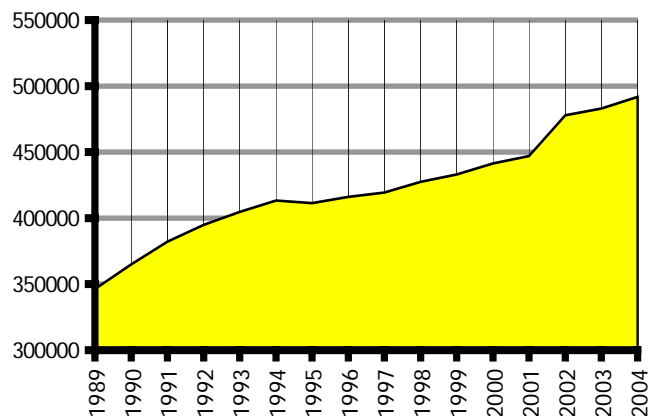
The majority of the County's population increase occurred in the nine incorporated cities rather than the unincorporated area of the County. The incorporated population increased 24% while the population of unincorporated Stanislaus County only increased 11.2%. The percentage of population living in the unincorporated areas represents 25% of the total County population.

The slower growth rate in the unincorporated area can be attributed to the County's land use policies and agreements with the cities regarding growth management within established spheres of influence. In addition, there is a greater availability of public services and amenities within the larger municipal boundaries. Overall, the economic forecast for Stanislaus County is favorable, with growth occurring mainly in the nonagricultural sector. The result will be a more stable and diversified economy. The County's growth occurs mainly within or adjacent to incorporated cities, and the Stanislaus County Board of Supervisors has maintained a policy of preserving agricultural lands.

Stanislaus County Population

<u>Year</u>	<u>Population</u>	<u>% Increase</u>
1989	346,393	15.73%
1990	365,119	5.41%
1991	382,289	4.70%
1992	394,978	3.32%
1993	404,731	2.47%
1994	413,400	2.14%
1995	411,268	-.52%
1996	416,127	1.18%
1997	419,480	.81%
1998	427,642	1.95%
1999	432,990	1.25%
2000	441,364	1.93%
2001	446,997	1.28%
2002	469,512	5.04%
2003	483,000	2.88%
2004	491,900	1.84%

Source: California Department of Finance



Incorporated Cities. The incorporated cities within Stanislaus County are Ceres, Hughson, Modesto, Newman, Oakdale, Patterson, Riverbank, Turlock and Waterford.

2000 Population By Ethnicity

California is a diverse state, and Stanislaus County is reflecting this reality every year. The table below quantifies the diversity.

Ethnic Category	Percentage of Population
White	54%
Hispanic	24%
Other	13%
Two or more races	4%
Asian	3%
African American	2%

Age Characteristics of Population

The age distribution for Stanislaus County has remained relatively constant over the past ten years. The senior population in the County showed a minor increase of 2.71% in the ages 65 plus between 1990 and 2000. Since 1990, the average age in Stanislaus County has increased from 29.2 years to 31.7 years of age in 2000. Department of Finance population projections suggest that by 2010 the present gap between the County and the State will widen. The County median age is expected to reach 30.9 while the State's will climb to 35. Based on this data, it is reasonable to conclude that while the population of California is not growing older as fast as the nation's population, the population of Stanislaus County is not aging as fast as the State's population. Therefore, the County will continue to house more families and households with children.

Gender Characteristics of Population

In 2000, there were more males (54,371) than females (52,419) in the unincorporated area of Stanislaus County. In addition, there are a larger number of women living to the age of 70. In 2000, the average age of women was almost 33 years old, whereas the average age of males was 30.5 years old.

EMPLOYMENT

Stanislaus County is located in the center of California and within 90 minutes of a large consumer and industrial market place. The economy includes agriculture, manufacturing, and a minimal amount of technology, consumer products, packaging, and food processing.

Stanislaus County ranks as one of the nations' top ten agricultural counties, producing over \$1.3 billion gross dollars and one-third of the County's jobs. The area is renowned for its agricultural productivity and crop diversity, due to the high quality farmland, affordable and adequate water supplies, extensive irrigation systems and temperate climate. This area leads California in the production of nearly two-dozen agricultural commodities, most notably almonds, chickens, cling peaches and walnuts. In addition, there is an abundance of grazing lands in the foothill areas of the County that are becoming increasingly important to cattle producers and dairy farmers. In terms of dollars produced from agriculture, the County ranks seventh in the State and ninth in the nation. For every dollar of actual agricultural production, \$3.50 in economic activity is generated through processing, packaging, marketing and retailing. Many of the agricultural products grown or processed in the County are produced for export to European markets as well as developing markets in the Pacific Rim. Many agricultural organizations are located in the County because of its access to major ports, highways, and railways.

Seasonal employment remains a prominent feature of the Stanislaus County economy, with agriculture and food processing continuing to serve as sources of reported unemployment, particularly during the winter months. However, there are more seasonal positions in faster growing industries as well, including retail trade, construction, and local government, each with its own seasonal dynamic. Not only have the traditional sources of seasonal employment become less dominant in the context of the entire economy, but also the newer sources have tended to spread employment throughout the year. This has reduced the volatile month-to-month unemployment rate changes.

In spite of the strong agricultural economy and growing commuter population, the County still experiences double-digit unemployment. In March 2004, the County's jobless rate remained more than twice the State average at 13.2%, up slightly from 13.1% in March 2003.

Services will provide the greatest amount of jobs in terms of absolute growth and percentage change. Health, business, personal and hospitality services will provide 7,300 more jobs, an increase of 31%. Stanislaus County is estimated to have increased by 4,100 jobs (2.6% annually) between 2001 and 2002. The retail trade, government and construction industries represented 85.4% of the numeric increases.

Non-farm industry employment projections for the period of 2002-2007 indicate those services, government and retail trade will dominate the County's future economy. It is being forecasted that between 2002-2007 that these three industries will contribute over 90% of the total growth in employment for the County.

Although Stanislaus County is best known for its agriculture production, the local economy is becoming more diversified due to the migration of Bay Area workers seeking affordable housing. Stanislaus County will also continue to be influenced by the growth and economic trends of neighboring counties as new industry and more jobs serve to diversify the larger economy of the northern San Joaquin Valley. This growth will also bring problems that will require greater cooperation between the local governments. Water supplies and air quality are among the major concerns that could pose a threat to future economic prosperity. These will be the toughest issues to be faced as the entire San Joaquin Valley grows.

TRANSPORTATION

Surface Roadways

State Highways 99, 108, 120, 33 132 and Interstate 5 are the major transportation routes through the County. Highways 99, 33 and I-5 run north – south and Highways 108, 120 and 132 run east to west. These major highway/freeway routes would be utilized during an evacuation. The County's two limited access freeways run north and south, while the east-west routes are generally smaller and more congested. State Route 99, serving the greatest area of population density, crosses the Tuolumne and Stanislaus Rivers.

Public roadways and bridges within Stanislaus County are owned and maintained by the California Department of Transportation, Stanislaus County Public Works Department and the nine city Public Works Departments. A high potential exists for road closures due to severe winter storms or flooding. Parts of the County can become isolated for a period of time when these conditions exist. While most secondary roads are paved, there are still a number of unpaved public roads within the County.

Airports

There is one joint County/City of Modesto operated airport in Stanislaus County. Modesto Airport's runways are 5,911' and 3,459' respectively. The airport operates 24 hours daily, although the tower is closed at night. It is capable of multiple engine propeller aircraft or jet aircraft, as large as a 737-400. Additionally there are four additional airports in Stanislaus County; Oakdale Municipal Airport (2,400 foot east-west runway), Turlock Airpark (2,000 foot north-south runway), Patterson Airport (2,500 foot north-south runway) and the Crows Landing Naval Air Station, at present not an operating airport.

Rail

The Union Pacific and Burlington Northern Santa Fe Railroads are the freight lines serving Stanislaus County. Amtrak passenger service is provided on the BNSF track with a passenger station in eastern Modesto. Sierra Railroad serves between Tuolumne County and the City of Oakdale in Stanislaus County. Also, the Modesto and Empire Traction Company (M&ET), a shortline freight railroad, provides interconnection services between UP and BNSF Railroads, as well as serving the industrial hub of the County. M&ET operate 5 miles of yard main track and 39 miles of spurs and sidetracks. The major rail routes travel in a north-south direction and cross the Tuolumne and Stanislaus Rivers and Dry Creek.. The Union Pacific and BNSF rail rights of way are also the routes of major communications conduits and petroleum pipelines.

SCHOOLS

There are 36 school districts in the County. In addition to elementary and high school districts, Stanislaus County has the Yosemite College District with two junior college campuses. The County also has one four-year California State University campus in Turlock and Chapman University on State Route 99. The Stanislaus County Office of Education operates specialized schools for special education, alternative education and an outdoor education center. Most districts in the County are experiencing growth and many have added new facilities, are completing construction of new facilities, or are studying the feasibility of adding or replacing facilities within the next few years.

**Letter of Intent
(to develop a Local Hazard Mitigation Plan)**

Name of City/Special District/Jurisdiction: _____,
County of Stanislaus **in the State of California.**

The above named **City/Special District/Jurisdiction**, does not intend to develop a Local Hazard Mitigation Plan (LHMP), at this time. [The jurisdiction understands that it will not be eligible to receive mitigation project funding after November 1, 2004.]

The above named **City/Special District/Jurisdiction** intends to develop and submit for State review and FEMA approval, a LHMP, written in accordance with Section 322 of the Stafford Act, as indicated (**Check One**) below. (Please provide the name of the jurisdiction's LHMP contact person in the box provided below.)

Single Jurisdiction LHMP or a **Multi-Jurisdictional LHMP**. (If Multi-Jurisdictional; **Name of LEAD Jurisdiction:** Stanislaus County.)

CONCERNING THE LHMP:

The above named ^{County} ~~City~~ **City/Special District/Jurisdiction** has begun development of a LHMP.

The above named **City/Special District/Jurisdiction** will begin development of a LHMP by **Date:** _____.

The above named **City/Special District/Jurisdiction** does not have enough information to complete this Letter of Intent. Please contact the person listed below to provide clarifications or additional information to this Jurisdiction.

Signed: Patricia Hill Thomas Date: 8/10/04
(Council/Board Chair or Designated Representative) (Print name & title of signing official): Patricia Hill Thomas, Interim Chief Executive Officer

Name of Local Contact Person: <u>Marnie Ardis & Gary Hinshaw</u>
Title: <u>Project Manager LHMP/Fire Warden</u>
Telephone (209) <u>525</u> - <u>6532</u>
E-mail address: <u>ardism@mail.co.stanislaus.ca.us</u>

**Please complete the enclosed *Letter of Intent* ASAP.
FAX to the OES Hazard Mitigation Section at (916) 845-8385 or 845-8386.**

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS
ACTION AGENDA SUMMARY

DEPT: CHIEF EXECUTIVE OFFICE

BOARD AGENDA# B-7

Urgent Routine X

AGENDA DATE August 10, 2004

CEO Concurs with Recommendation YES ph NO
(Information Attached)

4/5 Vote Required YES NO ✓

SUBJECT:

APPROVAL FOR STANISLAUS COUNTY TO DEVELOP AND SUBMIT FOR STATE REVIEW AND FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) APPROVAL OF A MULTI-JURISDICTIONAL LOCAL HAZARD MITIGATION PLAN.

STAFF
RECOMMEN-
DATIONS:

AUTHORIZE STAFF TO FORWARD THE FIRST THREE PARTS OF THE LOCAL HAZARD MITIGATION PLAN TO THE STATE OFFICE OF EMERGENCY SERVICES FOR INITIAL REVIEW.

FISCAL
IMPACT:

The overall cost for development of this plan is being funded from existing appropriations in the Office of Emergency Services and the Chief Executive Office Operations budget primarily for staff time associated with preparation of this plan. The cost to develop the Geographical Information System (GIS) needed to complete the required risk assessment is anticipated to be \$19,500. This projected cost will be funded from existing appropriation within the Office of Emergency Services budget.

(Continued - page two)

BOARD ACTION AS FOLLOWS:

No. 2004-615

On motion of Supervisor Simon, Seconded by Supervisor Grover

and approved by the following vote,

Ayes: Supervisors: Paul, Mayfield, Grover, Simon, and Chairman Caruso

Noes: Supervisors: None

Excused or Absent: Supervisors: None

Abstaining: Supervisor: None

1) X Approved as recommended

2) Denied

3) Approved as amended

4) Other:

MOTION:

1010-08
ATTEST:


CHRISTINE FERRARO TALLMAN, Clerk

File No.

FISCAL IMPACT CONTINUED:
Consequences of Non-Compliance

Executive Office staff will coordinate an effort to capture a portion of the costs necessary to maintain the GIS information that will be available to the other participating agencies. After November 1, 2004, all local governments in California will be required to have an approved Local Hazard Mitigation Plan (LHMP) in order to qualify for Federal mitigation funding. Unlike past years when a local plan was created after the disaster damage, this new program requires that an approved local plan be in place **BEFORE A DISASTER STRIKES**.

Local governments without an approved LHMP will not be eligible to receive Hazard Mitigation Grant Program Project Grants for disasters declared after November 1, 2004. Also affected by the November 1, 2004 date will be future mitigation project funding awarded through the Flood Mitigation Assistance Program, the Pre-Disaster Mitigation Grant Programs, and the U.S. Small Business Administration's low-interest, pre-disaster, small business loan program.

DISCUSSION:
Background

Stanislaus County intends to develop a Local Hazard Mitigation Plan in partnership with several jurisdictions in accordance with the Disaster Mitigation Act of 2000. The Local Hazard Mitigation Plan (LHMP) is considered the representation of the jurisdiction's commitment to reduce risks from natural hazards, and serves as a guide for decision-makers as they commit resources to reduce the effects of natural hazards. Local plans will also serve as the basis for the State to provide technical assistance and to prioritize project funding. This is one of the steps in creating a community more resilient to natural hazard events and disasters.

The Federal Emergency Management Agency (FEMA) has determined that there is a critical link between Hazard Mitigation Planning and sustainability. This means that if Stanislaus County has the foresight to plan ahead to reduce the impacts of hazards, we will be better able to prevent injury, loss of life and damage to our homes, businesses, and neighborhoods. The County can use the threat of disaster as a catalyst to act and develop a plan so we can bounce back more quickly following a disaster.

Local Hazard Mitigation Plans Shall Include:

Certain Prerequisites—includes the adoption of the final plan by the local governing body. This demonstrates the County's commitment to fulfilling the mitigation goals and objectives outlined in the plan.

APPROVAL FOR STANISLAUS COUNTY TO DEVELOP AND SUBMIT FOR STATE
REVIEW AND FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)
APPROVAL OF A MULTI-JURISDICTIONAL LOCAL HAZARD MITIGATION PLAN.
Page 3 of 6

Planning Process—documents the planning process used to develop the plan, including how it was prepared and who was involved in the process.

Risk Assessment—includes seven requirements:

Identify hazards

Profile hazardous events

Assess vulnerability—overview

Assess vulnerability—identify all County assets in terms of the types and numbers of existing and future buildings, infrastructure and critical facilities located in each of the five identified hazard areas

Assess vulnerability—estimate potential losses

Assess vulnerability—analyze development trends

Include other participating jurisdictions in the risk assessment.

Mitigation Strategy—provides the County's blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources and expand on and improve these existing tools. This entails the development of goals from which specific mitigation actions and projects will be derived. All mitigation actions must be prioritized according to cost and the plan must describe the strategy for implementation.

Plan Maintenance—describes the method and schedule for monitoring, evaluating and updating the plan every five years to make sure the plan remains an active and relevant document.

Additional State and Federal Requirements—recognizes additional requirements may create a new section for inclusion in the LHMP.

Partial Submittal of the LHMP

The State Office of Emergency Services (OES) has recommended that local jurisdictions provide a partial submission of the first three sections of the plan for initial review. OES has recommended the partial submittal approach because of the importance of completing the hazard identification, profiling and vulnerability assessments prior to identifying possible mitigation strategies.

Risk Assessment Requirement

Stanislaus County has identified several hazards that will be addressed in our Local Hazard Mitigation Plan. These hazards were identified through a process that utilized input from

APPROVAL FOR STANISLAUS COUNTY TO DEVELOP AND SUBMIT FOR STATE REVIEW AND FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) APPROVAL OF A MULTI-JURISDICTIONAL LOCAL HAZARD MITIGATION PLAN.
Page 4 of 6

the various multi-jurisdictional partners, work groups, Stanislaus County Emergency Operations Plan, the Safety Element of the General Plan, input from the Planning Director, Public Works Director, Assistant Director of Emergency Services, City governments and researching past disaster declarations in the County.

Stanislaus County has identified five natural hazards that will be addressed in our Local Hazard Mitigation Plan. They are:

- Earthquake
- Landslide
- Dam Failure
- Flood
- Wildfire

Geographical Information System (GIS)

As part of the Risk Assessment requirement of the LHMP, the County is responsible for identifying all County owned or leased structures and estimating potential losses, including the value of the contents when applicable. This inventory will provide limited benefits unless it is routinely updated to accurately reflect the status of properties owned by the County. Most of the inventory and risk data can be layered into the County's existing GIS system to provide nearly instant aggregation of asset values within specifically identified risk areas. This data can then easily be updated and made available in a live database to ensure that the information is current. A GIS-based solution will provide an interactive tool that can be easily shared with emergency responders and policy-makers in addition to supplying the preventative hazard mitigation-planning tool for development analysis purposes.

Use of the GIS system could also be expanded in the future to provide for automation of notification to responders for virtually any "emergency alert" situation such as evacuations. FEMA and the State Office of Emergency Services have suggested that the LHMP may be expanded to include additional risk threats in the future, and these additional risks could simply be "added" as layers to the County's GIS system rather than manually redrafting the LHMP.

Compilation of the data is an enormous task. The LHMP must include the five specified risks gauged at 22 levels. The asset inventory includes 143,043 individual parcels; 99 land use codes; 163 taxing agencies or districts; 2,135,080 square feet with 216 County-owned and occupied facilities. To complete the process manually would require an estimation of the percentage level of each risk type within each of 146 Assessor map book areas and manipulation of the Countywide parcel data. The County facilities and infrastructure inventory also has to be reviewed to identify the risk threats to each asset. Manually, this

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Page 5 of 6

effort would take between 500 and 1,000 person-hours, and the product would be a rough estimate of the assets at risk at a single point in time. The value of this effort would diminish over time as development occurs, property values change and additional risks are identified in the future.

Stanislaus County's LHMP Compliance Efforts

Most of the necessary data already exists to link the inventory of assets and hazard risks into the County's GIS system. Assistance is needed from Strategic Business Technology (SBT) to incorporate layers for property values, public facilities and hazard risks to meet the requirements of FEMA for the LHMP.

Use of the GIS system to develop the planning tools required by the LHMP will allow continuous updating of live information (such as assessor valuation and land use data) as properties are re-assessed and permits are pulled. This will allow the LHMP to be a dynamic and current planning tool for both the development process and emergency management operations.

Incorporating GIS tools into the County's LHMP will prove to be an extremely valuable asset regionally for emergency response, planning, economic development and risk management (public and private) purposes.

The Stanislaus County GIS Project will include:

- Five areas of hazard risks to be provided by the State OES;
- Assessor parcel use and value information for each parcel in the County;
- County facilities inventory and valuation information by Assessor Parcel Number;
- Public Works infrastructure data to be provided by Public Works;
- Security provisions to access and disseminate selected GIS data;
- Delivery of GIS data to the County Office of Emergency Services at fixed locations such as the Emergency Operations Center and Tenth Street Place Board Chambers; and
- Mobile access to GIS technology from Internet based wireless services and at offices and field locations.

Conclusion

Stanislaus County, as well as many of our local multi-jurisdictional partners, have sought Federal and State funding for reimbursement for repair, rebuilding or clean-up, following a large scale emergency or declared disaster. Most often the cost of rebuilding or repair exceeds what would have been the cost for preventive measures. This is especially true in the case of flood control projects (levees, control basins, floodwater channeling, etc.), road

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Page 6 of 6

and bridge projects, and similar programs. Many times the entire cost of the post-incident project cannot be fully recovered.

Mitigation projects are, in general, more cost effective, as well as providing a preemptive opportunity to minimize the impact of natural and man-made situations. Compliance with the Federal LHMP plan would insure Stanislaus County's eligibility to receive pre and post-event funds.

In recent years, the Federal government has placed an increased emphasis on pre-event mitigation measures as a means of not only reducing the cost associated with disaster incident reimbursement, but to make a significant effort to reduce the loss of life, property and resources associated with these occurrences.

POLICY ISSUE:

The development of the LHMP provides additional tools to assist emergency responders in development planning, consistent with the Board of Supervisor's top priorities to ensure a safe, healthy community and to facilitate economic development.

STAFFING IMPACT:

The Chief Executive Office will assign staff to complete the LHMP in conjunction with assistance from the Planning and Community Development Director, the Director of Public Works and the Assistant Director-Office of Emergency Services.



**STANISLAUS COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN
PLANNING PROCESS**

DOCUMENTATION OF THE PLANNING PROCESS

Stanislaus County is developing a Multi-Jurisdictional Hazard Mitigation Plan in partnership with several jurisdictions. This is one of the steps in creating a community more resilient to natural hazard events and disasters.

The California Office of Emergency Services conducted an initial workshop December 4, 2003. Internal County participants and City Managers from the nine incorporated cities attended.

In March 2004, approximately 120 jurisdictions were invited to join the County in developing and preparing our multi-jurisdictional plan. These jurisdictions included:

Jurisdiction Invited	Number of Partners Invited
Mayors/City Managers	9 partners
School Districts	27 partners
Community Service Districts	8 partners
Fire Protection Districts	14 partners
Fire Services	4 partners
Police Services	6 partners
Hospital Districts	3 partners
Irrigation Districts	6 partners
Municipal Advisory Councils—MAC 's	6 partners
Sanitary Districts	2 partners
Cemetery districts	3 partners
Drainage Districts	2 partners
Flood Control Districts	2 partners
Mosquito Abatement Districts	2 partners
Reclamation Districts	2 partners
Resource Conservation Districts	2 partners
Water Districts	7 partners
Stanislaus Economic Development and Workforce Alliance	1 partner

April 6, 2004, Gary Hinshaw, Assistant Director of Emergency Services, explained the new FEMA requirements. Sixty-three people representing various Cities, School Districts, Community Service Districts, Fire Protection Districts, Fire and Police Services, Hospital Districts, Irrigation Districts, Municipal Advisory Council's, Mosquito Abatement Districts, and Water Districts attended.

The County also has several internal contributors that will be instrumental in developing the plan. Participating and included are:

- Chief Executive Office-Operations, Purchasing and Capital Projects Divisions;
- Planning and Community Development;
- Public Works;
- Office of Emergency Services;
- Public Health;
- Environmental Resources
- Agriculture Commissioner; and
- Risk Management.

Task Force Leaders

Task Force leaders were selected and the first meeting was scheduled for April 21, 2004. Each participating jurisdiction was asked to analyze the impact and vulnerability to each of the five natural hazards that the County has identified.

Task Force	Members	Partners	Lead
Public Safety	Police Services	6	Dale Skiles-Salida Fire
	Fire Services	4	David Grant-MFD
	Fire Protection District	14	Adam Christianson
Public Health	Hospital Districts	3	Sonya Harringfeld
	Mosquito Abatement	2	Renee Cartier
Schools	City and County	27	Scott Ousdahl
Public Works/Planning	Irrigation Districts	6	Ron Freitas
	Flood Control	2	Cindy VanEmpel
	Reclamation	2	
	Resource Conservation	2	
	Water Districts	7	
Community Services District	Community Service Districts	8	Raul Mendez
	Municipal Advisory Councils	6	
	Sanitary Districts	2	
	Cemetery Districts	3	
	Drainage Districts	2	
Administration	Mayors/City Managers	9	Gary Hinshaw
	Internal County players	16	Marnie Ardis

On April 21, 2004, nine members of the Task Force met. Each member received a CDROM of the Hazard Maps obtained from Alan Kilgore of the State Office of Emergency Services. A copy of the Federal Regulations and the current draft of the County MJHMP were also distributed. The Project Manager stressed that each participating jurisdiction must perform a separate risk

assessment and customize their plan accordingly. Templates cannot be used. Jurisdictions that participate with the County can share information, however, each entity must analyze the hazards individually and specify their unique vulnerabilities.

The Task Force decided to break into smaller Work Groups to begin the process of identifying structures and estimating potential losses. The Project Manager suggested working with the County Assessor to determine values. The next meeting of the Task Force was scheduled May 19, 2004 at the Office of Emergency Services.

The Internal County Work Group met on April 26, 2004. Present were the Planning Director, Deputy Building Official, Capital Projects Lead and MJHMP Project Manager. The group reviewed the County hazard map and discussed the building inventory prepared by Tim Fedorchak of Capital Projects.

The Capital Projects Lead and MJHMP Project Manager also met with the County Assessor on April 26, 2004. The Assessor provided them with a database that identifies the land use, improvements, land value and improvement value of each parcel by tax agency and Assessor Parcel Number. The Assessor stated he would prepare an average value for each land use type. Capital Projects provided a list of County-owned and occupied offices, shops, warehouses, clinics and laboratories, including square footages and asset values by tenant and location.

The Task Force Leader representing the school districts organized a meeting on May 17, 2004. Twenty-seven school districts attended, along with the Assistant Director of Emergency Services and a representative from Capital Projects. A PowerPoint presentation was used to explain the methodology the County developed to identify structures and estimate potential losses. This same presentation was again shared with 12 members of the Task Force who met on May 19, 2004.

On May 18, 2004 the Internal County Work Group met with the Director of Strategic Business Technology to discuss the GIS Project. The County GIS expert will contact Alan Kilgore of the State OES to discuss the best way of sharing maps and existing resources to enhance the GIS Project currently being developed.

On May 24, 2004, the Capital Projects Lead and MJHMP Project Manager met with the Deputy Building Official of Public Works. We discussed the need to begin identifying infrastructure assets owned and operated by the County. Water treatment facilities, power generation facilities, landfills, wastewater treatment facilities, critical bridges, and lift stations must be identified and valued.

Risk Management was then contacted and asked to provide the Internal Work Group with a listing of the insured value of each facility owned by the County along with the value of the contents at each location.

GEOGRAPHICAL INFORMATION SYSTEM (GIS) PROJECT PLANNING

Compiling an inventory of County assets along with the appropriate values will be a time-consuming task. The inventory will provide limited benefits unless it is routinely updated to accurately reflect the status of properties owned by the County. Most of the inventory and risk data can be layered into the County's existing GIS system to provide nearly instant aggregation of asset values within specifically identified risk areas. This data could then easily be updated and made available in a live database to ensure that the information is current. A GIS-based solution will provide an interactive tool that can be easily shared with emergency responders and policy-makers *in addition to* supplying the preventative hazard mitigation-planning tool for development analysis purposes.

Use of the GIS system could also be expanded in the future to provide for automation of notification to responders for virtually any "emergency alert" situation such as evacuations. FEMA and the State Office of Emergency Services have suggested that the MJHMP may be expanded to include additional risk threats in the future, and these additional risks could simply be "added" as layers to the County's GIS system rather than manually redrafting the MJHMP.

Compilation of the data will be an enormous task. The MJHMP must include the five specified risks gauged at 22 levels. The asset inventory includes 143,043 individual parcels; 99 land use codes; 163 taxing agencies or districts; 2,135,080 square feet with 216 County-owned and occupied facilities. To complete the process manually would require an estimation of the percentage level of each risk type within each of 146 Assessor map book areas and manipulation of the Countywide parcel data. The County facilities and infrastructure inventory would have to be reviewed to identify the risk threats to each asset. Manually, this effort will take between 500 and 1,000 person-hours, and the product would be a rough estimate of the assets at risk at a single point in time. The value of this effort would diminish over time as development occurs, property values change and additional risks are identified in the future.

GIS Project Objective

The development of the MJHMP provides additional tools to assist emergency responders and in development planning, consistent with the Board of Supervisor's top priorities to ensure a safe, healthy community and to facilitate economic development.

Assistance is needed from Strategic Business Technology (SBT) to incorporate layers for property values, public facilities and hazard risks to meet the requirements of FEMA for the MJHMP. GIS system security requirements and access to the GIS at emergency response locations still needs to be resolved.

Use of the GIS system to develop the planning tools required by the MJHMP will allow continuous updating of live information (such as assessor valuation and land use data) as properties are re-assessed and permits are pulled. This will allow the MJHMP to be a dynamic and current planning tool for both the development process and emergency management operations.

Incorporating GIS tools into the County's MJHMP will prove to be an extremely valuable asset regionally for emergency response, planning, economic development and risk management (public and private) purposes. It is possible that future partnerships with businesses interested in protecting assets and tracking resources could offset a portion of the GIS system development costs through a subscription service program to authorized layers of information.

On May 18, 2004, the Assistant Director of Emergency Services authorized a Work Request for Strategic Business Technology to integrate new information into the County's GIS system.

The Stanislaus County GIS Project will include:

- Five areas of hazard risks to be provided by the State OES;
- Assessor parcel use and value information for each parcel in the County;
- County facilities inventory and valuation information by Assessor Parcel Number;
- Public Works infrastructure data to be provided by Public Works;
- Security provisions to access and disseminate selected GIS data;
- Delivery of GIS data to the County Office of Emergency Services at fixed locations such as the Emergency Operations Center and Tenth Street Place Board Chambers; and
- Mobile access to GIS technology from Internet based wireless services and at offices and field locations.

GIS Project Planning Meetings

GIS Planning Meetings were held on June 16, 17, and 18, 2004. Present were the Project Manager, Capital Projects, Assistant Director of Emergency Services, Personal Service Contractor, Public Works, Strategic Business Technology Director and GIS lead. The Project Manager also talked to the State GIS expert, Alan Kilgore, to discuss and order HAZUS to aid in the Risk Assessment.

A GIS Planning Meeting was held on June 29, 2004. Present were the Project Manager, Assistant Director of Emergency Services, Personal Service Contractor, Strategic Business Technology Director and GIS lead. The scope and objective of the project was discussed and refined. The timeline for delivery was shortened to meet the deadline for submittal to the State and FEMA. SBT estimated the cost to be \$19,500. The team is hopeful that the Multi-Jurisdictional Hazard Mitigation Plan will be considered an E-government project since it clearly meets the Board of Supervisors priorities of ensuring a safe and healthy community as well as promoting efficient government operations and achieving multi-jurisdictional cooperation.

On July 27, 2004, the Project Manager and Capital Projects met with the SBT Director and GIS lead. We reviewed the format of the reports and the progress of the project.

On August 10, 2004, the Project Manager and Capital Projects met with the SBT Director and GIS lead. We reviewed the progress of the project and the need to include other participating jurisdictions such as the City of Riverbank, City of Hughson, and City of Patterson. It was decided that the training on the GIS system be postponed until September to allow the Project Director and Capital Projects more time to focus on completing the risk assessment and developing the mitigation strategy.

On August 10, 2004, the Assistant Director of Emergency Services gave a PowerPoint presentation to the Board of Supervisors appraising them of the County's intent to participate as the lead agency in the Multi-Jurisdictional Hazard Mitigation Plan.

The Board of Supervisors was updated on the progress of the development of the Geographical Information System (GIS) needed to perform the complex requirements of the Risk Assessment. One of the board members asked if the GIS system used for the MJHMP was the same system developed by the Alliance. It is important that the differences be acknowledged and clarified.

The GIS maps and reports developed for the Multi-Jurisdictional Hazard Mitigation Plan (MJHMP) were created exclusively by the Stanislaus County, Strategic Business Technology Department. This system is not connected to, dependent on, or in any way related to the GIS system developed by California CAD Solutions for the Alliance project.

The GIS system used for the Multi-Jurisdictional Hazard Mitigation Plan is based on ESRI's ArcInfo software, and is capable of performing sophisticated GIS layer creation, analysis, and mapping tasks. ESRI's software is the County GIS standard, used by most, if not all other County departments actively involved in GIS—including Public Works, the Emergency Operations Center, and 911.

The Alliance project, however, was developed using the Autodesk MapGuide software—a browser based “inquiry only” type system with limited analysis and mapping capabilities. That project addressed the specific needs of the Alliance group, and runs on an entirely different server from any other County GIS system.

On August 19, 2004, the Assistant Director of Emergency Services and Project Manager provided an update on the progress of the MJHMP to the Stanislaus Operational Area Meeting. Seventeen people attended the meeting. The PowerPoint presentation given to the Board of Supervisors on August 10, 2004 was shown to the group and a question and answer session followed. Deadlines for the partial submission of the plan to the State OES were reviewed.

FORMAL DELINEATION OF INCLUDED AND EXCLUDED JURISDICTIONS

On July 1, 2004, the Project Manager sent an e-mail to all the multi-jurisdictional partners giving them a status report on the progress of the County's MJHMP. Each jurisdiction was asked to formally declare if they were going to participate with Stanislaus County. All participating multi-jurisdictional partners were invited to a meeting on July 13, 2004 at the Office of Emergency Services.

Sixteen people representing various participating jurisdictions attended the meeting on July 13, 2004. Capital Projects gave a presentation of the Excel spreadsheet that was developed to capture the tax-exempt existing and future facilities that are owned or leased by Stanislaus County and the City of Modesto. The County Assessor has provided the County with the assessed value for all taxed property. Each multi-jurisdictional partner was asked to prepare a spreadsheet cataloging the tax-exempt properties that their respective jurisdiction owns or leases. Ken Miller, the County GIS expert, will then incorporate and utilize this information to prepare maps and build the layers for the hazards identified in the risk assessment.



**STANISLAUS COUNTY
LOCAL HAZARD MITIGATION PLAN MEETING
TUESDAY, APRIL 6, 2004/9:00 a.m.—12:00 p.m.
TENTH STREET PLACE BASEMENT CHAMBERS**

A G E N D A

1. Local Hazard Mitigation Plan Requirements
2. Outline of Project Process
3. Multi-Agency Participation
4. Discussion on Profiling Hazards in Stanislaus County
5. Work Group Assignments
6. Schedule Next Meeting



**LOCAL HAZARD MITIGATION PLAN/MULTI-JURISDICTIONAL PARTNERS
IDENTIFYING LOCAL HAZARDS
APRIL 6, 2004**

FEMA requires that your attendance and participation in the development of the multi-jurisdictional LHMP be documented. Each individual jurisdiction should also document their own participation and contribution throughout the planning process. Each jurisdiction that is included in the plan must have its governing body adopt the local plan as their "own" before the final submission to the State and FEMA.

PRINT NAME	TITLE	REPRESENTING AGENCY	E-MAIL ADDRESS	PHONE NUMBER
Bill Swearingen	Supper Child Welfare	CBLES (UNIFIED)	PSWEARINGEN@CBLES, K12.SA.CA.US	538-0144
Henry Benavides		Keyes Fire/Keyes School	KEYCAPT06@AOL.COM	209 652 7972
Maunir Ardis	Manager II	LED	ardism@	525-6532
Maurice Sanders	Chief of Police Services	HUGHSON	MSANDERS@STANISLAUSsheriff.com	883-4052
Goretti Brown	Environ Health + Safety Spec	TID	gobrown@tid.org	883-8257
Bryan Markum	Chief of Police	Waterford	BryanMarkum@Hotmail.com	874-9201
ADAM CHASTANON	LIEUTENANT	SHERIFF	CHASTANON@STANISLAUSSHERIFF.COM	562-3861
PAUL KOPPELNOVAI County	Asst Director	P/W		525-4130
GARY HAYWARD	ROAD SUPERVISOR	P/W		525-4130
Simone Wallace	Road Supervisor	P/W	YUW.PHead@mail.stanislaus.ca.us	848-6017
Michael Watland	M.D. Director	Waterford Unified SD	mwatland@waterford.k12.ca.us	613-9399



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PRINT NAME	TITLE	REPRESENTING AGENCY	E-MAIL ADDRESS	PHONE NUMBER
Jose Terra	Principal	Orestimba H.S.	J.Terra@nciusd.k12.ca.us	209 862-2933 ext 22
Roger K. Smith	Safety Coordinator	Turlock Schools Dist		209 667-0645
AMITA MORAN SLIGTON	DIRECTOR	ROCK CREEK WATER DIST	amitask@rockcreekwater.com	209 899-2444
Dick Gaiser	Special Proj Coordinator	West Stanislaus Fire	gmccus@yahoo.com	541-8098
Dorothy Hatcher	Management Analyst	City of Modesto CMO	hatcher@modestogo.v.com	577-5220
MICHAEL R. WILKINSON	Fire Chief	City of Oakdale	MWILKINSON@CI.OAKDALE.CA.US	209 847-5904
KEVIN WATSON	Safety Analyst	CEO - RND		996-5224
SCOTT DUSDANL	Dir. Facilities	Mod. City Schools	DUSDANL.S@MONSIEUR.K12.CA.US	576-4143
Marina Wilson Heleen Ashby	Env Compliance Officer	MID	Kurkeena@mid.org	536-7448
RANDY HATCHER	PLANNING DIRECTOR	CITY OF CERES	rhatcher@ci.ceres.ca.us	522-0475 538-5776



**LOCAL HAZARD MITIGATION PLAN/MULTI-JURISDICTIONAL PARTNERS
IDENTIFYING LOCAL HAZARDS
APRIL 6, 2004**

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PRINT NAME	TITLE	REPRESENTING AGENCY	E-MAIL ADDRESS	PHONE NUMBER
Anthea Hansen	Representative KSBA	Oak Flat Water District	WDHGM@evanohet.com	892-4470
Ron Lebs	Business Manager	Silver Union S.D.	rlebs@silver.k12.ca.us	574-5000 x215
Danielle Maxwell	Producer IHSS		Dm m4JJ	522 0975
Renee Carter	Emergency Mgr	PH	RCarter@schsa.org	558 7035
Wynne Walters	Supt.	Hickman S.D.	walters@hickman.k12.ca.us	874-1816
ED KATEN	LT	NEWMAN PD	EKATEN@CITYOFNEWMAN.COM	862-2402
MIKE BRADY	COP	NEWMAN PD	MIBRADY@CITYOFNEWMAN.COM	862-2402
Jim Miguez	FIRE CHIEF	MODESTO FIRE	JMIGUA@MODESTOFIRE.COM	572-9590
Tim Fedorczak	COUNTY CEE/CAR PERS.	Sr. Mgmt. Consultant	Fedoracz@mail.cu.stanislaus.ca.us	652-1645
Jerry M. Davis	MANAGER	Turlock MAD	mdavis@turlocknet.com	634-8331 Ex7201
SCHFREITAG	PLANNING DIRECTOR	STANISLAUS CO. PLANNING	SCHFREITAG@MAIL.CO.STANISLAUS.CA.US	525-6330



**LOCAL HAZARD MITIGATION PLAN/MULTI-JURISDICTIONAL PARTNERS
IDENTIFYING LOCAL HAZARDS
APRIL 6, 2004**

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PRINT NAME	TITLE	REPRESENTING AGENCY	E-MAIL ADDRESS	PHONE NUMBER
Caitlyn Wade	Manager	Denair CSD	Swade@charterinternet.com	634-4986
Marsela Calbreath	Employee Safety Spec	Losmit (CD)	calbreathm@gomark.com	575-5133
GARRETT REYNOLDS	SE. CIVIL ENGINE ASST.	City of Modesto	GREYNOWS@CI.MODESTO.CA.US	571-5120
MARK LANGLEY	Fire Chief	CA Fire Station	MLANGLEY@T-WORK.COM	668-5580
KAREN GONZALES	District Secretary	Industrial Fire	IndustrialFire@MSN.COM	525-5967
JOHN SWEIGARD	GM	PATERSON ID	patwater@evansinet.com	892-6233
George Stillman	PW Director	Stan Co. PW		525-7547
Jesey Garcia	Facility & Transportation Supervisor	Stan Co. Office of Education	cgarcia@SCOE.stan-co.k12.ca.us	541-2907
Jeff Barnes	Streets Engineer	City of Modesto	jbarnea@modestogov.com	342-2257
KEWY HUSTON	LEG/MEDIA MANAGER	STANISLAUS CO. SHERIFF	KBHUSTON@CAL.COM	209-567-4401
Lloyd Douglass	MANAGER	EAST SIDE MUSEUM MARKETS	LSMAD@THEVESFON.NET	522-4098



**LOCAL HAZARD MITIGATION PLAN/MULTI-JURISDICTIONAL PARTNERS
IDENTIFYING LOCAL HAZARDS
APRIL 6, 2004**

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PRINT NAME	TITLE	REPRESENTING AGENCY	E-MAIL ADDRESS	PHONE NUMBER
Eribid Kiges	Business Manager	Empire Union Schools	Dkiger@empire.k12.ca.us	521-2800
Barbara Patman	Superintendent	Chatham Union School Dist	bpatman@chatham.k12.ca.us	664-8505
LAIG SCOTT	PARAMEDIC	DEL PUERTO HEALTH CARE DISTRICT	craigscott@cbqvalley.net	667-8253
Loren MAXFIELD	Maint	Salida Schools		545-6339
Lilanda Dullinger	Chairperson	Empire Municipal Council		577-6531
Tyrone Spence	Chairperson	Patterson City	TSpence@spanishvalley.net	912-5071
Reem Lechry	Superintendent	Hart-Ransom Sch. Dist.	rlechry@stanislaus.k12.ca.us	523-9996
Reem Lechry	Superintendent	Hart-Ransom Sch. Dist.	rlechry@stanislaus.k12.ca.us	523-9996
Anthea Hansen	ASST. Manager	Del Puerto Water District	DPW@evansinet.com	892-4470
Anthea Hansen	Contract Accountant	El Solyo Water District	N/A	602-2513
Anthea Hansen	ASST. Manager	Centinella Water District	wdhgm@Evansinet.com	892 4470



**LOCAL HAZARD MITIGATION PLAN/MULTI-JURISDICTIONAL PARTNERS
IDENTIFYING LOCAL HAZARDS
APRIL 6, 2004**

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PRINT NAME	TITLE	REPRESENTING AGENCY	E-MAIL ADDRESS	PHONE NUMBER
Henry Benavides	KFD Keyes School			
Sonya Harringfeld	Assistant Director	Stan. Co. DEIR	harringfeld@envkes	525-6770
Ron... ..	senior consultant	CEO	...	652-1124
Dennis Gudgeal	AS Commission	AS Commission	Groupwise	525-4730
Kathleen Hooster	Admin Asst.	City of Riverbank	Kaesler@riverbank.org	909-7128
John Walker	Public Health Officer	HSA/PH	iwalkers@schsa.org	558-8804
ART VOORMAN	CHIEF / RIVERBANK	CITY OF RBK	AVOORMAN@STANISLAUSHERIFF.COM	
Cindy vanEmpel	Senior Planner	City of Modesto, Plan.	groupwise	537-5280
Chris Palmer	Analyst	City of CES	"	525-3855
Dr. K. Barnes	Superintendent	Stanislaus Union	Kbarnes@stanunion.kla	529-9546
Russ Richards		OES	ca.us	

68



**STANISLAUS COUNTY
LOCAL HAZARD MITIGATION PLAN
MULTI-JURISDICTIONAL PARTNERS**

Jurisdiction Invited	Number of Partners Invited
Mayors/City Managers	9 partners
School Districts	27 partners
Community Service Districts	8 partners
Fire Protection Districts	14 partners
Fire Services	4 partners
Police Services	5 partners
Hospital Districts	3 partners
Irrigation Districts	6 partners
Municipal Advisory Councils—MAC 's	6 partners
Sanitary Districts	2 partners
Cemetery districts	3 partners
Drainage Districts	2 partners
Flood Control Districts	2 partners
Mosquito Abatement Districts	2 partners
Reclamation Districts	2 partners
Resource Conservation Districts	2 partners
Water Districts	7 partners
Internal County	18 partners
Stanislaus Economic Development and Workforce Alliance—community involvement	1 partner



Stanislaus County Local Hazard Mitigation Plan Task Force

Task Force	Members	Partners	Lead
Public Safety	Police Services	5	
	Fire Services	4	
	Fire Protection Dist	14	
Public Health	Hospital Districts	3	
	Mosquito Abatement	2	
Schools	City and County	27	
Public Works/Planning	Irrigation Districts	6	
	Flood Control	2	
	Reclamation	2	
	Resource Conservation	2	
	Water Districts	7	
Community Services Dist	Community Service Dist	8	
	Sanitary Districts	2	
	Cemetary Districts	3	
	Drainage Districts	2	
Administration	Mayors/City Managers	9	
	MACs	6	
	Internal County players	16	
	Stanislaus Econ Develop &	1	
	Workforce Alliance		

**STANISLAUS COUNTY
LOCAL HAZARD MITIGATION PLAN
TASK FORCE LEADERS MEETING
April 21, 2004**

I. Meeting Schedule

- ◆ Frequency
- ◆ Location
- ◆ Time

II. Report Capabilities

- ◆ County Update
 - ◆ Maps
- ◆ City Updates

III. Public Participation Strategy

- ◆ When do we begin
- ◆ Consistent plan for all of County
- ◆ Target Audiences
 - ◆ Town Hall Meetings
 - ◆ Council Meetings
 - ◆ Board Meeting

IV. Next Meeting Date

**Hazard Mitigation
Task Force Leaders
Meeting
April 21, 2004**

I. Working Plan

There can be no use of templates. Each plan by each agency must be customized. Each district must say they looked at each hazard and note if they are unique or the same as the county.

Modesto City Schools will work with all of the other twenty-six school districts as well as the City of Modesto because of the adjacent parks to the school sites.

A question was raised regarding the difference between the cost to replace a structure verses the cost to relocate and operate while waiting for the structure to be rebuilt.

Is the funding limited only to the dollar amount listed? The Federal Register implies that the complete costs should be listed to present a full picture.

More printed maps of the hazards are needed for the team leaders.

II. Meeting Schedule

Next Team Leader Meeting will be held on May 19, at 2:00 p.m. in the Logistics Room on Oakdale Road.



**LOCAL HAZARD MITIGATION PLAN/MULTI-JURISDICTIONAL PARTNERS
TASK FORCE LEADER MEETING
APRIL 21, 2004**

FEMA requires that your attendance and participation in the development of the multi-jurisdictional LHP be documented. Each individual jurisdiction should also document their own participation and contribution throughout the planning process. Each jurisdiction that is included in the plan must have its governing body adopt the local plan as their "own" before the final submission to the State and FEMA.

PRINT NAME	TITLE	REPRESENTING AGENCY	E-MAIL ADDRESS	PHONE NUMBER
ROD FREITAS	DIRECTOR OF PLANNING & COMMUNITY DEVELOPMENT	STANISLAUS CO PLANNING DEPT	FREITAS@MAIL.CO.STANISLAUS.CA.US	525-6390
DENNIS WISTER	DEPT BUILDING OFFICIAL	STANISLAUS CO PLANNING DEPT	WISTERD@MAIL.CO.STANISLAUS.CA.US	525-7552
Kathleen Acesta	Admin Asst.	City of Riverbank	Kacesta@Riverbank.org	809-7128
Cindy van Empel	Senior Planner	City of Modesto, Planning	cvanempel@modestoplanning.com	577-5280
CRAIG SCOTT		DEL PUERTO HEALTH CARE DISTRICT	craig.scott@bigvalley.net	(209) 992-8771
Sonya Harrisfeld	Assistant Director	SC DIER	harrisfeld@enrives.org	(209) 525-6770
Marnie Fraiss	Manager II	VEO-Operations	mfraiss@mail.co.stanislaus.ca.us	525-6532
Chris Holmer	Analyst	VEO	holmerc@veo.com	552-3859

Name	Organization	Phone #
Tom Federchat	CEO	
James V. Dwyer	MCS	576 4143
Ann Guthrie	SCOE	525-5063
Roger K. Smith	Turlock Schools	667-0645
George H. Lynn	MCS	576-4095
Walter Robinson	Hughson School	888-2319
Scott Siegel	Ceres Unified	538-9439
Kathleen Boomer	Stanislaus Uni.	529-9546
Ron Lebs	Sylvan	574-5000
Don Riger	Empire USD	521-2800
Rusty Wynn	Paradise E.S.D.	524-0184
Wayne Beck	Salida	545-0339
Jim Gandy	Salida	545-0339
Dan Casey	Oakdale	847-0119
Rick John	Riverbank	869-1660
Mike WATLAND	Waterford	874-4125
Marsha Calbreath	YCCD	575-6353
Willie "Mac" McDaniel	Yosemite CCD	575-6352
Tim Herr	Oakdale	848-4884
Rick Cox	Gratton	632-0505
David L. De Luz	Sheloh	522-2261
George Johnson	Roberts Ferry	874-2331
Wayne Walters	Hickman	874-1816
Rear Lochry	Hart-Ranson	523-2996
Barbara Pitman	Chatom USD	664-8505
Doyle Christopher	Keyes School Dist.	652-5787
Jose Leon	Newman School Dist.	862-2933
Joe Terra	" " "	862-2309
GARY HINSHAW	OES	



LOCAL HAZARD MITIGATION PLAN/MULTI-JURISDICTIONAL PARTNERS
 TASK FORCE LEADER MEETING
 MAY 19, 2004

Next meeting
 June 2 @
 2:00
 Reynolds

FEMA requires that your attendance and participation in the development of the multi-jurisdictional LHMP be documented. Each individual jurisdiction should also document their own participation and contribution throughout the planning process. Each jurisdiction that is included in the plan must have its governing body adopt the local plan as their "own" before the final submission to the State and FEMA.

PRINT NAME	TITLE	REPRESENTING AGENCY	E-MAIL ADDRESS	PHONE NUMBER
DAVID GRANT	DIVISION CHIEF	MODESTO FIRE	dgrant@modestofire.com	572-9596
RICH REECE	EHS SPECIALIST	TURLOCK IRRIGATION DIST.	rreece@tid.org	883-8368
SCOTT V. OUSDAN	Dir. Fac & Cens-	MODESTO City Schools	ousdavis@modest.k12.ca.us	576-4143
DEANIS WISTER	DEPUTY BUREAU OFFICIAL	STANISLAUS COUNTY	WISTER@MAIL.CO.STANISLAUS.CA.US	535-7552
Bill Lyons	LIEUTENANT	MODESTO Police	LYONS@MODESTO.PD.CA	352-6143
JUD WALKER	Public Health officer	PH/ HSA	jwalker@schsa.org	558-8804 / 652-0370 <small>cell phone</small>
Kathleen Acosta	Admin. Asst	City of Riverbank	Kacosta@riverbank.org	809-7128
Linda Abid-Cummings	Admin. Services Director	" "	labid@riverbank.org	863-7114
Casey Garcia	Facility & Transportation	Stan. Co. Off. of Ed.	Cgarcia@scoe.stan-co.k12.ca.us	541-2907
GARY HUSSEIN	FIRE WALKER / OES	STAN CO OES		
Tim Fedolichak				
Deb Hersh				



LOCAL HAZARD MITIGATION PLAN/MULTI-JURISDICTIONAL PARTNERS
TASK FORCE LEADER MEETING
JULY 13, 2004

FEMA requires that your attendance and participation in the development of the multi-jurisdictional LHMP be documented. Each individual jurisdiction should also document their own participation and contribution throughout the planning process. Each jurisdiction that is included in the plan must have its governing body adopt the local plan as their "own" before the final submission to the State and FEMA.

PRINT NAME	TITLE	REPRESENTING AGENCY	E-MAIL ADDRESS	PHONE NUMBER
Maurice Sanders	Chief of Police Services	City of Haggston	MSANDERS@STANISLAUSSHERIFF.COM	209-883-4052
Willie McDaniel	Director Safety/Security	YCCO	mcdanielw@yosemite.ca.us	209 575-2635
CRAIG SCOTT	DISASTER COORDINATOR	DEL PUERTO HEALTH CARE DISTRICT	craigscott@bigvalley.net	(209) 467-8253
Tyrone Spenser	Chief of Police	CITY OF PATTERSON	TSPENCER@STANISLAUSSHERIFF.COM	842-5071
MARK LANGLEY	Fire Chief	City of Turlock	MLANGLEY@TURLOCK.CA.US	603-5530
Ron Lebs	Business Manager	Sylvan Union S.D.	rlebs@sylvan.k12.ca.us	574-5000 x215
Marnie Adair	Project Manager	Stanislaus County		525-6532
Alex Burrosto	Civil Eng Tech	TID	abburrosto@TID.ORG	883-8441
Frank Leonoro	CIVIL ENG TECH	TID	fleonoro@TID.ORG	883-8447
CHRIS MILLER	ELEC ENG TECH	TID	cmiller@TID.ORG	883-8362
RICH EASTMAN	EHS DIV. MGR	TID	rich.eastman@tid.org	883-8317



**LOCAL HAZARD MITIGATION PLAN/MULTI-JURISDICTIONAL PARTNERS
TASK FORCE LEADER MEETING
JULY 13, 2004**

FEMA requires that your attendance and participation in the development of the multi-jurisdictional LHMP be documented. Each individual jurisdiction should also document their own participation and contribution throughout the planning process. Each jurisdiction that is included in the plan must have its governing body adopt the local plan as their "own" before the final submission to the State and FEMA.

PRINT NAME	TITLE	REPRESENTING AGENCY	E-MAIL ADDRESS	PHONE NUMBER
Sonya Harris-Felch	Felchville District	SCDFAR / Heart-It	harris.felch@venturaes.org	525-6770
Linda Abid-Cummings	Admin Services Director	City of Riverbank	labid@riverbank.org	863-7114
Tim FEDORCHAK	Sr. Mgmt. Consultant	STANISLAUS COUNTY	FEDORF@mail.ca.stanislaus.ca.us	652-1649
Gary Hinshaw	Fire Warden	Stan Co OES	HINSHUG@mail.co.stanislaus.ca.us	552-3600
KEN MILLER	OES Specialist	Stan Co. SBT	millerk@... .	613-7105

Stanislaus Operational Area Meeting

August 19, 2004

1:30 p.m. to 3:30 p.m.

Agenda

- I. Introductions
- II. West Nile Virus - Presentation by Dr. John Walker and Jerry Davis
- III. Hazard Mitigation - Update by Chief Hinshaw and Marnie Ardis
- IV. Operational Area Issues
 - Emergency Operation Plans & Workshops
 - NOAA presentation in September
 - EOC Enhancements - Notification Process
- V. Homeland Security Grants
 - MOUs
 - Update on Grants
- VI. Roundtable
- VII. Next Meeting

Stanislaus Operational Area Meeting
August 19, 2004

Name	Department	Business Phone	Nextel or Cell #	EMAIL
Marnie Arzig	CEO	525-6532	996-3043	arzigm@mail.us...
GARY HANSHAW	Fw/OES	552-3600	602-0252	
DAVID GRANT	MFO	572-9596	995-6202	dgrant@modestofire.com
Rosendo Verdugo	CO OES	552-3641		
Tim Money	Red Cross	523-6851	346-1854	tim@attitude.com
PAT MURPHY	MVEMSA	529-5085	968-6035	pmurphy@mvensa.com
Linda Abid-Cummings	Riverbank	863-7114	988-3931	labid@riverbank.org
Chris Holmen	CO OES	552-3600		
Tyrone SPENCER	Patterson	842-5071		SPENCER@STANISLAUSSHERIFF.COM
MAURICE SANDERS	HUGHSON	883-4052		MSANDERS@STANISLAUSSHERIFF.COM
Deb Thraushen	SC OES	552-3600		Thraushen@modestofire.com
Bill Lyons	Mariposa P.D.	342-6143	652-1579	lyons@modestofire.com
Paul Calkins	SHARKE OES Tulare	554-445-5806	652-0530	Paul.Calkins@OES.CA.GOV
MICHAEL BRADY	NEW HAVEN P.D.	862-2902	678-0349	MBRADY@CITYOFLIVEHOLM.CA.GOV
ADAM CHRISTIANSON	SHERIFF	567-4468	595-0226	CHRADAM@STANISLAUSSHERIFF.COM
TOM MURRAY	PARADEL	916) 845-8705	952-7556	TOM_MURRAY@OES.CA.GOV
JOHN WALKER	PH/HSA	558-8804	652-0374	jwalker@schsa.org



STANISLAUS COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN RISK ASSESSMENT

Stanislaus County has identified several hazards that will be addressed in our Multi-Jurisdictional Hazard Mitigation Plan. These hazards were identified through a process that utilized input from the various multi-jurisdictional partners, Work Groups, Stanislaus County Emergency Operations Plan, the Safety Element of the General Plan, input from the Planning Director, Public Works Director, Public Health Director, Assistant Director of Emergency Services, City governments, researching past disaster declarations in the County and public input.

In addition, the County's Strategic Business Technology Division of the Chief Executive Office is developing a Geographical Information System (GIS) database that will map the County's infrastructure, critical facilities, and land uses. Initial data from this study was also used to determine those hazards that present the greatest risk to the County.

Stanislaus County has identified five natural hazards. These initial hazards were identified because they have the greatest potential to cause a negative impact on the community.

They are:

- Earthquake
- Landslide
- Dam Failure
- Flood
- Wildfire

Stanislaus County is also susceptible to agricultural emergencies resulting from weather related issues such as drought, severe winter storms and high winds. However, these natural hazards are not referenced in the County Emergency Operations Plan or the Safety Element of the General Plan. Due to scarce resources, limited timeframe and inadequate information it would be difficult to analyze these additional hazards. Consequently, these other three hazards will be covered in the future when the County revises our initial Hazard Mitigation Plan.

The Risk Assessment component of the Multi-Jurisdictional Hazard Mitigation Plan includes the following subsections:

Identifying Hazards—includes a description of the types of all natural hazards.

Profiling Hazard Events—identifies the location, extent, previous occurrences and probability of future events.

Assessing Vulnerability/Overview—identifies an overall summary description of vulnerability to each hazard and the impact of each hazard on the jurisdiction.

Assessing Vulnerability/Identifying Structures—includes the types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard areas.

Assessing Vulnerability/Estimating Potential Losses—includes estimates of potential dollar losses to vulnerable structures and describes the methodology used to prepare the estimate.

Assessing Vulnerability/Analyzing Development Trends—includes the land uses and development trends.

Multi-Jurisdictional Risk Assessment—each participating jurisdiction has included their varied and unique risks if different from the County's.



**STANISLAUS COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN
RISK ASSESSMENT**

IDENTIFY—EARTHQUAKE HAZARD

NATURAL HAZARD	HOW IDENTIFIED	WHY IDENTIFIED
EARTHQUAKE	<ul style="list-style-type: none"> • County General Plan Safety Element • County Emergency Operations Plan • Input from Planning Director • Input from Public Works Director • Risk Assessments 	<ul style="list-style-type: none"> • Previous occurrences • Potential to cause harm

PROFILE—EARTHQUAKE HAZARD EVENTS

There are several faults known to exist within Stanislaus County. In the extreme eastern part of the County, the Bear Mountain and Melones faults are found, though believed to have been inactive for the past 150 million years. No faults are currently known to exist within the valley floor portion of the County. Within the Diablo Range, the most recent movements were along the Tesla-Ortogonalita fault approximately five million years ago, although earthquake activity without surface fracturing or faulting is still common.

Since 1930, one earthquake epicenter of a magnitude greater than 4.0 on the Richter Scale was recorded in Stanislaus County. On June 27, 1986, an earthquake with a magnitude of 3.7 on the Richter Scale occurred with an epicenter several miles west of Crows Landing. Future earthquakes of similar or greater magnitudes can be expected.

Numerous earthquakes occur each year along California’s major faults that are the San Andreas, Calaveras, Hayward and the Nacimiento faults. Information furnished by the State Department of Mines and Geology and the State Office of Emergency Services indicate that ground shaking along these faults can produce damage within the County to reach varying intensities rated on the Modified Mercalli Intensity Scale of 1931. The eastern half of the County can be expected to have shaking to an intensity of VI or VII, producing minor to moderate damage. The western half of the County can expect to receive shaking to an intensity of VII to VIII Mercalli, which can cause considerable damage to ordinary structures. The area around the City of Newman may have shaking intensity of IX or X. This may be considered a major hazard area.

The State of California Division of Mines and Geology has published proposed maps of an area to be included in an Alquist-Priolo Special Studies Zone. The area is along the Ortigalita Fault in the Diablo Range and extends into Stanislaus County approximately 7 miles. The zone is 1000 feet wide centered on the identified fault. As an Alquist-Priolo Special Study Zone, development and parcel divisions cannot be approved on land within this zone unless a geological report is completed at the applicant's expense and reviewed by another geologist hired by the County. The maps became effective on July 1, 1986. The text of the Alquist-Priolo Special Studies Zones Act can be found in Section 660 et. seq. of Article 3, Chapter 2, Division 1 of the California Public Resources Code. Guidelines for implementation of the Act are found in Section 3500, Article 3, Subchapter 1, Chapter 8, Division 2, Title 14 of the California Administrative Code.

ASSESS EARTHQUAKE VULNERABILITY/OVERVIEW

Stanislaus County is not known for its seismic activity, but it is still important that we plan for a potential earthquake disaster. Although there are no major faults in the valley portion of Stanislaus County, some faults do exist in the foothills on the eastern and western edges of the County. Earthquakes could occur that would cause severe damage in portions of the County. We do not anticipate major epicenters, but major damage could occur as a result of shaking and aftershocks from other areas. Structures built prior to 1976 will have a greater risk of damage during earthquake activity due to building designs and seismic requirements being less stringent. However, west of Interstate 5, the building codes are more restrictive due to seismic requirements.

In any earthquake, the primary consideration is saving lives. Time and effort must also be given to providing for people's mental health by reuniting families, providing shelter to the displaced persons and restoring basic needs and services. A major effort will be needed to remove debris and clear roadways, demolish unsafe structures, assist in reestablishing public services and utilities and provide continuing care and temporary housing for affected citizens.

ASSESS EARTHQUAKE VULNERABILITY/IDENTIFYING STRUCTURES

Stanislaus County occupies 91 facilities totaling an estimated 2,790,936 square feet, including both owned and leased facilities. The total estimated property value as of 2004 is \$394,688,971. Including the value of building contents, rental and lease income, the total value of all County occupied facilities is an estimated \$497,804,369.

The vast majority of the County occupied space is collocated with the highest population density along the State Route 99 corridor in Salida, Modesto, Ceres and Turlock. This area is located within a shaking intensity zone of 21-30% gravity spectral acceleration (one-second period). Of most critical concern are County operated facilities located in the area of greatest probabilistic shaking potential (41-50% gravity), located in Patterson and west of Crows Landing. Of the five facilities located in Patterson, the County Library and Public Works yard are owned, and the Women Infants and Children (WIC) office and the Behavioral Health and Recovery Services offices are leased. The fifth facility, Frank Raines Regional Park, contains only restroom and passive recreation structures and non-critical infrastructure. The Library is collocated with the

Patterson City Council Chambers in a County-owned space at 46 West Salido and could provide interim emergency use as a coordination or assistance center. The Public Works yard at 301 South First Street is a field office and shop location for Road Maintenance functions.

The County's Fink Road Landfill is also located in the area of greatest probabilistic shaking potential (41-50% gravity) west of Crows Landing and Interstate 5. The landfill is collocated with a waste-to-energy facility, and could be of critical use in situations where safe disposal is required after emergency events. Other than non-critical scales and miscellaneous out buildings, the landfill itself is unlikely to be physically compromised in a seismic event. Exhibit E-1 graphically illustrates the probabilistic ground shaking intensity in terms of ground acceleration in a one-second period as a percentage of the force of gravity.

A map of County operated facilities by seismic risk zone is located in Exhibits E-2, E-3 and E-4. Exhibit E-2 identifies the location of existing County occupied facilities (owned and leased) generally in the northern portion of the county, including Oakdale, Riverbank, Modesto, Ceres and the surrounding areas. The color-keyed zones listed in the legend of Exhibit E-1 are also keyed to the colored zones in each of the other earthquake risk maps. Exhibit E-3 provides graphical reference to existing County occupied facilities in the southern portion of the county, including Turlock, Waterford, Patterson, Crows Landing and Newman.

Future planned County facilities are noted in Exhibit E-4 by estimated total value. These projects are included in the County's Preliminary Capital Improvements Plan for Fiscal Year 2003-2005 where such facilities have a specifically identified site. Many other capital projects are included in the CIP document, but specific sites have not been selected for these projects. The site selection process for all future County projects does now and will always include consideration of local hazard risk mitigation as a criteria.

ASSESS EARTHQUAKE VULNERABILITY/ESTIMATING POTENTIAL LOSSES

All property within Stanislaus County is subject to the effect of seismic activity. Hazard maps provided by the State Office of Emergency Services the probabilistic shaking potential of populated lands within Stanislaus County at a spectral acceleration one second period of up to 50% the force of gravity. The maps, shown in Exhibit E-1 through E-4, delineates five zones in ten percent increments of shaking intensity, with the greatest intensity along the western-most edge of the valley floor near the Interstate 5 corridor. Probabilistic ground shaking intensity is shown on each map by colored zone, keyed to the legend in Exhibit E-1.

Exhibit E-4 provides a single county-wide graphic illustrating the probabilistic shaking intensity increment. The map legend identified the shaking intensity increments as follows:

Probabilistic Shaking Intensity (1 sec. ground acceleration) (Percent of 1.00 Gravity)	Exhibit E-1 Map Legend Reference (Mid-Point of Shaking Intensity Increment-)
1% to 10%	5%
11% to 20%	15%
21% to 30%	25%
31% to 40%	35%
41% to 50%	45%

The greatest population density within Stanislaus County exists along the State Route 99 corridor within an area designated at a 21-30% gravity in a one second spectral acceleration period. The maps in Exhibits E-1 through E-4 identify the mid-point of the ten percent shaking intensity increments.

Appendix A summarizes the number and total value of parcels within each of the increments of shaking intensity. General land use designations are identified for properties within each zone. The total value of parcels indicates the sum of the value of the land, fixed improvements, growing improvements (for agricultural producing lands), structural improvements, personal property (for commercial enterprises) and mobile homes. The actual value of the risk may be dependent on the specific hazard event, since it is unlikely that the total value of all land and property would be lost in any given event. For example, land values could be unaffected while structural improvements could be lost in a specific seismic event. In another case, agricultural production could be lost for a growing season due to uprooted orchard property, loss of irrigation capability, etc.

A detailed listing of the risk zones, land uses, number of parcels and specific valuation is listed in Exhibit E-5 and in detail in Appendix A.

**Exhibit E-1
Stanislaus County Earthquake Hazard Map (Probabilistic Shaking Intensity in Ground Acceleration)**

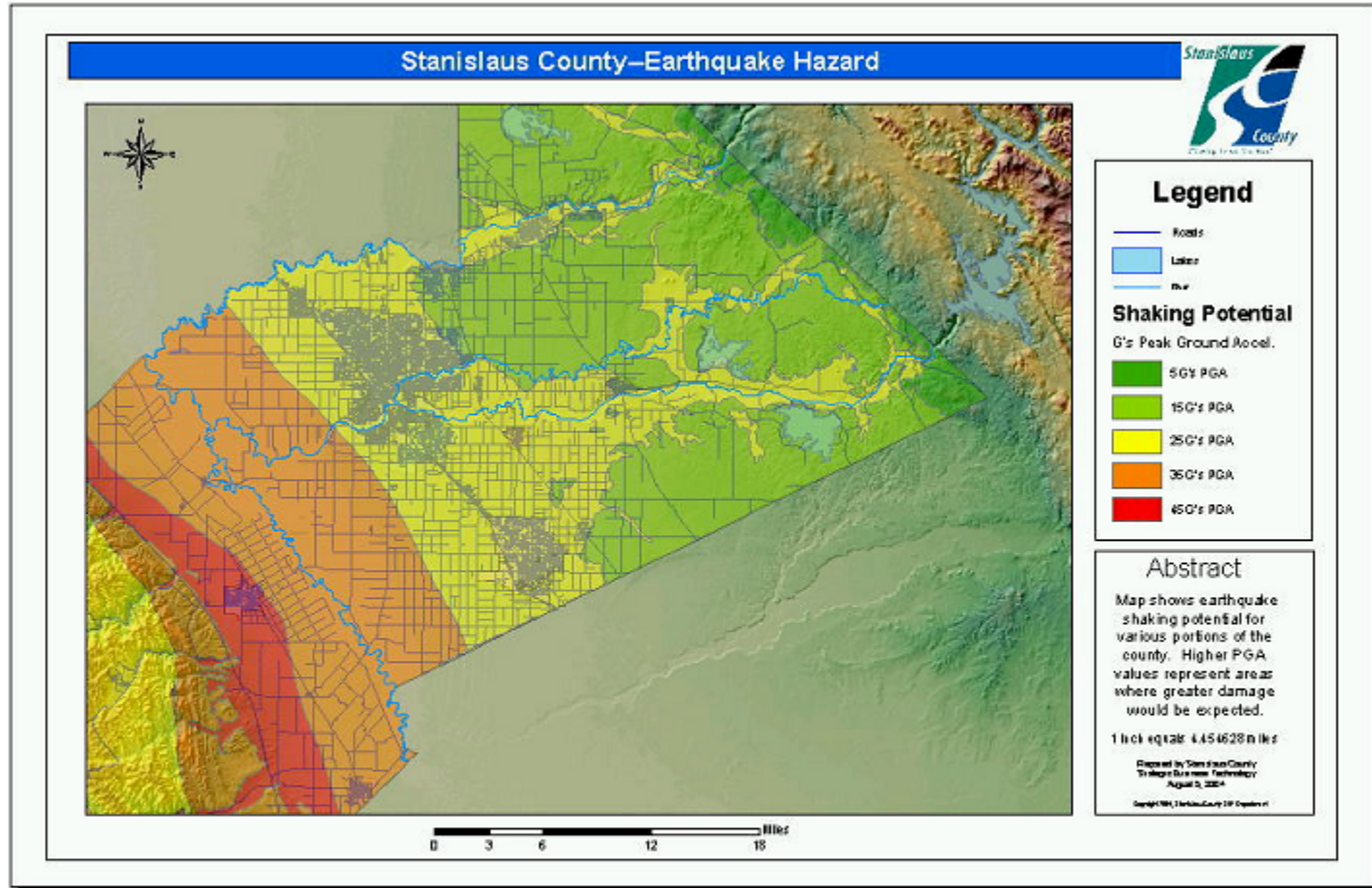
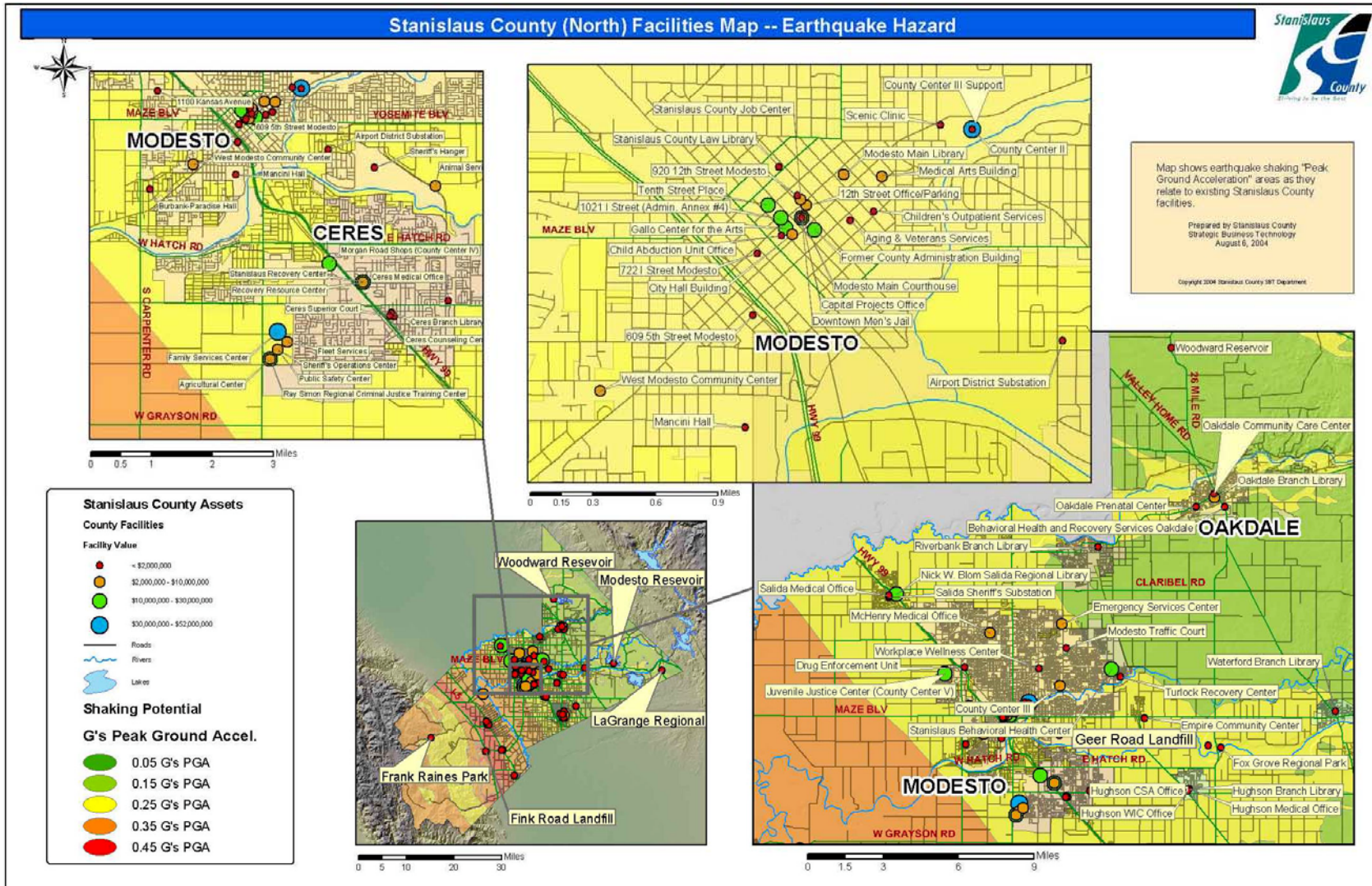


Exhibit E-2 Stanislaus County (North) Facilities Map -- Earthquake Hazard



**Exhibit E-3
Stanislaus County (South) Facilities Map -- Earthquake Hazard**

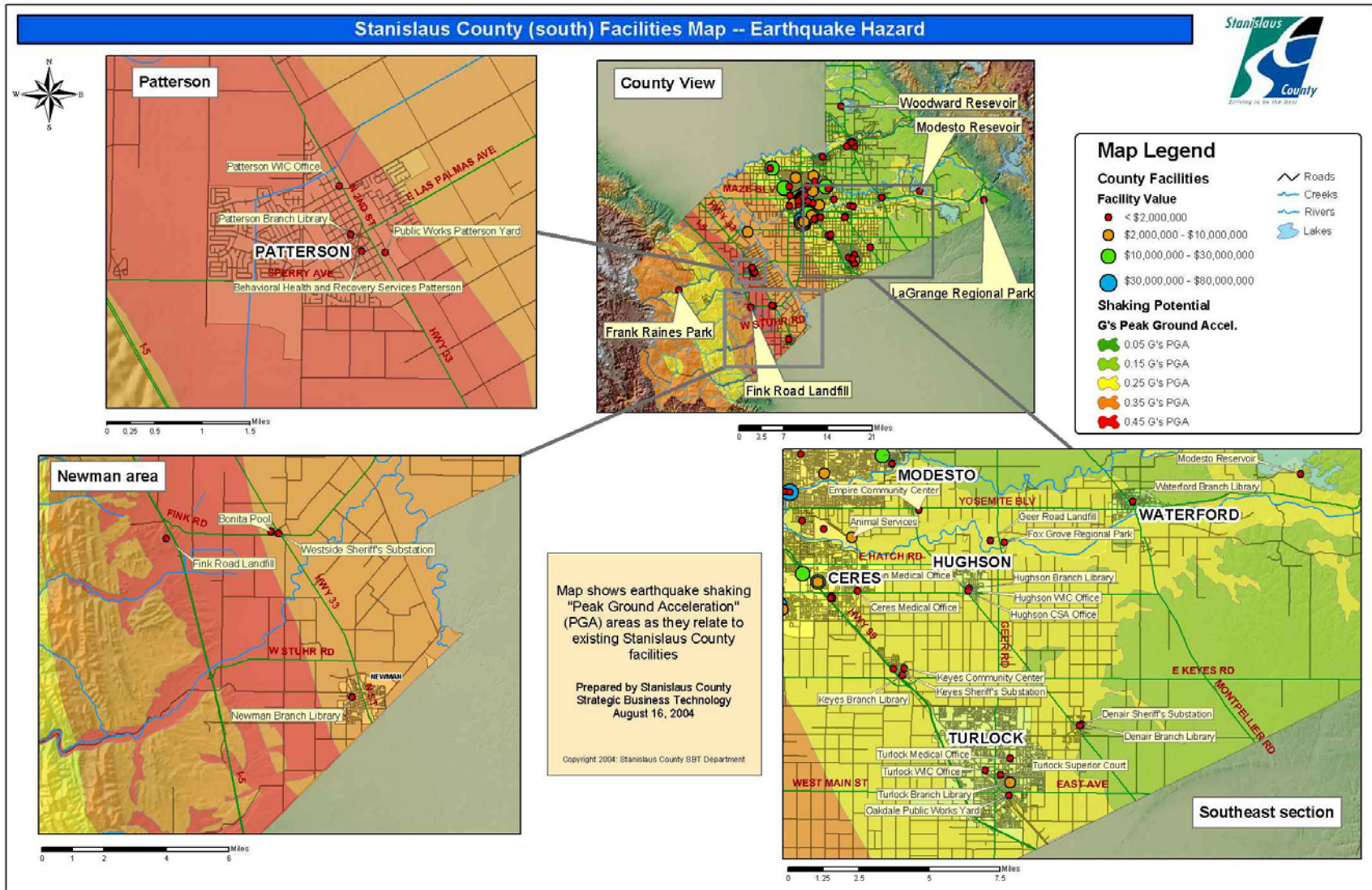


Exhibit E-4 Future Stanislaus County Facilities -- Earthquake Hazard

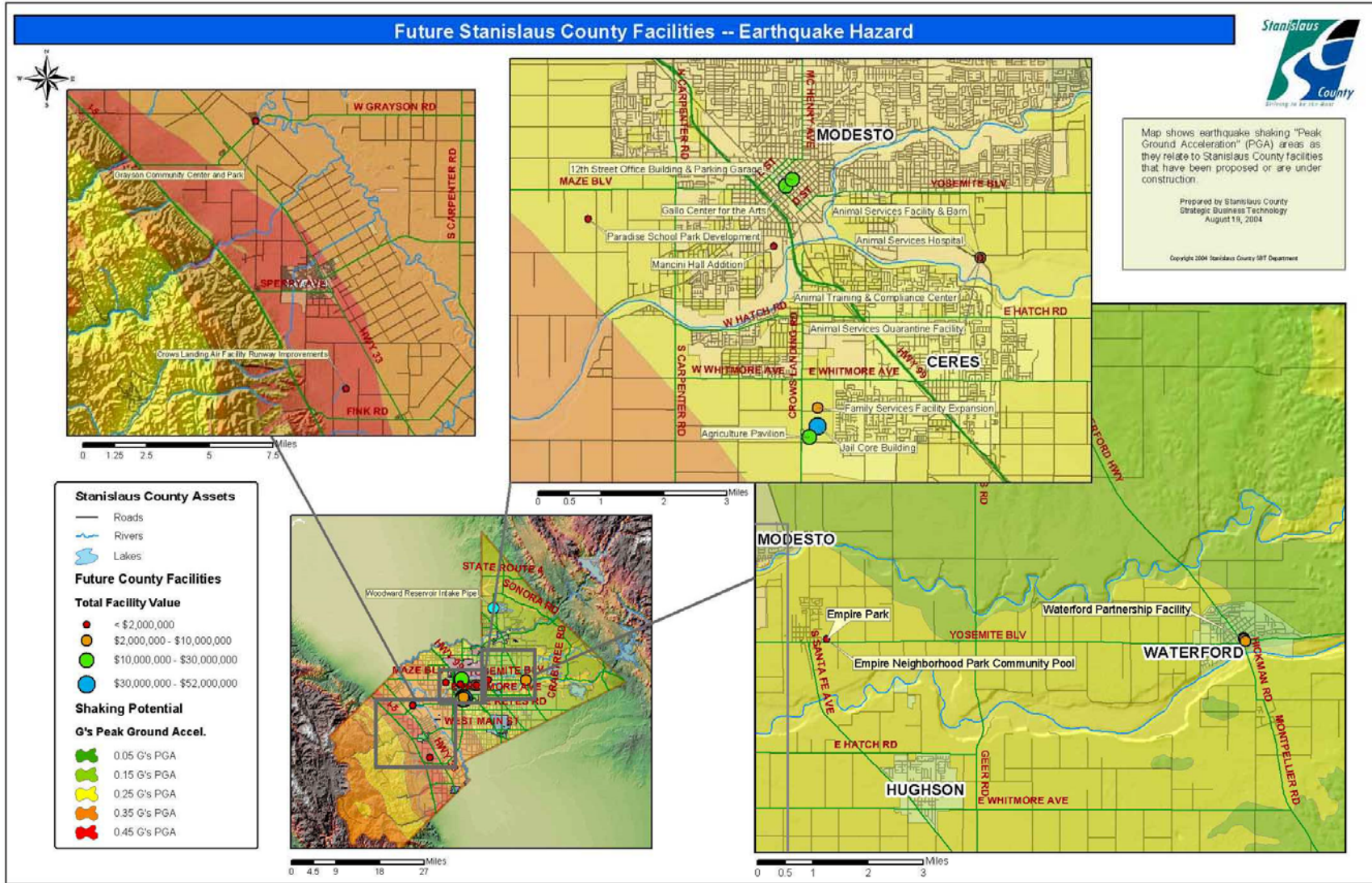


Exhibit E-5
Stanislaus County Property Values at Earthquake Risk
 By Probabilistic Shaking Potential and Land Use
 Number of Parcels and Total Assessed Value

% Peak Ground Acceleration Land Use	Nbr. of Parcels	Total Value	% Peak Ground Acceleration Land Use	Nbr. of Parcels	Total Value
1-10 Percent Gravity Probablistic Shaking*			31-40 Percent Gravity Probablistic Shaking*		
Commercial	8	\$816,849	Commercial	83	\$15,016,640
Industrial	-	\$0	Industrial	35	\$28,467,732
Non-Assessable	39	\$139,819	Non-Assessable	219	\$16,331,046
Residential	17	\$1,102,003	Residential	576	\$48,970,164
Residential-Income	-	\$0	Residential-Income	28	\$3,231,474
Rural, Farm, Agricult.	99	\$9,277,012	Rural, Farm, Agricult.	3,732	\$857,503,159
Vacant Comm/Indstrl	-	\$0	Vacant Comm/Indstrl	20	\$830,688
Vacant Residential	8	\$83,814	Vacant Residential	58	\$2,065,109
Total	171	\$11,419,497	Total	4,751	\$972,416,012
11-20 Percent Gravity Probablistic Shaking*			41-50 Percent Gravity Probablistic Shaking*		
Commercial	34	\$17,940,732	Commercial	23	\$31,323,068
Industrial	17	\$9,647,886	Industrial	5	\$728,289
Non-Assessable	195	\$7,254,450	Non-Assessable	49	\$64,097,148
Residential	642	\$161,577,904	Residential	22	\$3,225,433
Residential-Income	17	\$3,420,892	Residential-Income	7	\$1,049,259
Rural, Farm, Agricult.	4,087	\$1,053,047,332	Rural, Farm, Agricult.	764	\$206,669,579
Vacant Comm/Indstrl	8	\$618,365	Vacant Comm/Indstrl	30	\$5,222,509
Vacant Residential	33	\$2,161,097	Vacant Residential	10	\$1,008,018
Total	5,033	\$1,255,668,658	Total	910	\$313,323,303
21-30 Percent Gravity Probablistic Shaking*			*Spectral Acceleration 1 second period		
Commercial	774	\$389,154,518	Note: Map graphic index displays mid-point of percentage gravity shaking		
Industrial	684	\$1,525,798,349	Non-assessable land use includes government and other non-taxed ownderst		
Non-Assessable	516	\$72,026,968	Total value equals assessed value of land plus fixed, growing and structural		
Residential	14,853	\$1,795,538,972	improvements, personal property and mobile homes. See detailed chart in		
Residential-Income	791	\$114,616,660	Appendix for specific values.		
Rural, Farm, Agricult.	7,603	\$1,686,387,173			
Vacant Comm/Indstrl	313	\$51,474,071			
Vacant Residential	532	\$45,015,576			
Total	26,066	\$5,680,012,287			

Population and Housing. All of Stanislaus County's estimated 446,997 population and 150,807 housing units are located within a seismic risk area designated as having a probabilistic shaking intensity between 1% and 50% gravity according to the State provide seismic risk map. Exhibit E-6 identifies the number of housing units and population residing within each risk increment within the unincorporated areas of Stanislaus County.

Appendix A provides a detailed identification of the number of housing units and population within each seismic risk increment by jurisdiction for unincorporated Stanislaus County and the nine incorporated cities within the county.

Exhibit E-6
Population and Housing Units
Unincorporated Stanislaus County
 By Earthquake Shaking Intensity Increment, 2004

Probabilistic Shaking Potential*	Number of Housing Units	Population
1-10% Gravity	13	31
11-20% Gravity	3,650	10,420
21-30% Gravity	26,460	82,870
31-40% Gravity	3,863	12,019
<u>41-50% Gravity</u>	<u>421</u>	<u>1,262</u>
Total - County	34,407	106,602

*Spectral Acceleration: 1 second period

Interactive Resources. Stanislaus County has incorporated risk data supplied from the State of California Office of Emergency Services, property valuation and land use data, and County facilities data into layers within a secured geographic information system (GIS) database to provide specific risk and value data pertinent to a specific seismic event. The GIS system allows authorized users to define a specific area within the county and to rapidly identify land use, ownership, population, housing and valuation data for all included properties. Specific County-operated facilities and infrastructure are also layered into the GIS system. Property valuation and land use data is updated live as the County Assessor conducts property appraisals as the system is linked directly to the Assessor's database. County facilities and infrastructure are updated periodically as changes occur.

The County is working to add layers to the GIS system to identify potential resources (such as location and capacity of possible shelters and medical care facilities) in the near future.

ASSESS EARTHQUAKE VULNERABILITY/ANALYZING DEVELOPMENT TRENDS

Most development is occurring on the valley floor within cities or within spheres of influence in cities. Very little development is taking place in agricultural areas. West of Interstate 5, there is very little development except the Diablo Grande project which must comply with new building codes and regulations.

The General Plan provides for diverse land use needs by designating patterns that are responsive to the physical characteristics of the land. The Planning Department has a policy that urban development shall be prohibited in geological fault areas unless measures to mitigate the problem are included as part of the development application. The County enforces the provisions of the Alquist-Priolo Earthquake Fault Zoning Act that limits development in areas identified as having special seismic hazards. Construction is prohibited without a geologic study.

New buildings in Stanislaus County are constructed to prevent loss of life as a result of an earthquake. Older buildings, however, especially non-reinforced masonry buildings, could collapse causing injury and loss of life. In order to eliminate these problems, it is necessary to require reconstruction to at least provide for the adequacy of: (a) non-reinforced masonry bearing walls, (b) the anchorage of exterior parapets and ornamentation, (c) the anchorage of non-reinforced bearing walls to the floors and roof, (d) floor and roof diaphragms, and (e) the development of a complete bracing system to resist horizontal wind and earthquake forces.

MULTI-JURISDICTIONAL EARTHQUAKE RISK ASSESSMENT

See Volumes Two and Three for assessments from participating multi-jurisdictional partners.





**STANISLAUS COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN
RISK ASSESSMENT**

IDENTIFY—LANDSLIDE HAZARD

NATURAL HAZARD	HOW IDENTIFIED	WHY IDENTIFIED
LANDSLIDE	<ul style="list-style-type: none"> • California proclaimed State of Emergency • County General Plan Safety Element • County Emergency Operations Plan • Input from Planning Director • Input from Public Works Director • Risk Assessments 	<ul style="list-style-type: none"> • Previous occurrences

PROFILE—LANDSLIDE EVENTS

Virtually the entire area located west of Interstate 5 is composed of geological formations that, due to structure, slope, runoff, lack of vegetation, earthquake and human activity, are considered extremely susceptible to failure and sliding.

In the winter of 1982-83, saturation of the soil in this area resulted in a considerable amount of damage to Del Puerto Canyon Road. There is a history of a number of slides throughout the Diablo Range in Stanislaus County. It is evident that the steep slopes and undesirable geology or the area on the west side of the County, even without considering the very real possibility of an earthquake, present substantial risks in certain conditions.

ASSESS LANDSLIDE VULNERABILITY/OVERVIEW

On a California Division of Mines and Geology scale used to rate landslide potential, this area is rated at five, the next to highest rating on a scale of six. The remainder of the area is rated at six. The prime reason is the generally unstable formation comprising the underlying geologic structure of the Diablo Range.



ASSESS LANDSLIDE VULNERABILITY/IDENTIFYING STRUCTURES

Hazards due to landslide events are mostly limited to areas within the foothills at the western and eastern edges of Stanislaus County, and along specific river bluff regions near rivers and streams. Those areas near rivers and streams are subject to natural erosion, although erosion activity may be increased during flood events.

No County occupied buildings other than non-critical "out" structures are located at sites having a landslide risk. County infrastructure (roads, utilities, drainage and bridge structures) may be subjected to landslide hazards; however, most landslide threats are limited in scale to a specific point.

Several State highways traverse cuts through hillsides or along river bluffs where landslide hazards may pose a risk, including State Routes 4, 108, 120, 132, 219 and Interstate 5. County roads at risk include:

Ingram Creek Road	Roberts Ferry Road
Del Puerto Canyon Road	Lake Road
Diablo Grande Parkway	Warnerville Road
Orestimba Road	Crabtree Road
Crows Landing Road-at San Joaquin River	La Grange Road
South Carpenter Road	Cooperstown Road
Grayson Road (at San Joaquin River)	Los Cerritos Road
Paradise Road (at San Joaquin River)	River Road (Ceres area)
Shiloh Road (at Tuolumne River)	Mitchell Road (at Tuolumne River)
Santa Fe Avenue	Hills Ferry Road
Geer/Albers Roads	

ASSESS LANDSLIDE VULNERABILITY/ESTIMATING POTENTIAL LOSSES

In the event of a specific landslide event, the County's GIS system Multi-Jurisdictional Hazard Mitigation Plan layers can quickly identify land use, population, valuation risks interactively with emergency response officials.



ASSESS LANDSLIDE VULNERABILITY/ANALYZING DEVELOPMENT TRENDS

Construction is possible west of Interstate 5, but any proposals for significant development (anything other than the currently permitted two dwellings for every 160 acres), should include a geological report identifying potential problems and mitigation measures to be incorporated into the development plan.

The County shall utilize the California Environmental Quality Act (CEQA) process to ensure that development does not occur that would be especially susceptible to landslides. Most discretionary projects require review for compliance with CEQA. As part of this review, potential impacts must be identified and mitigated or a statement of overriding concerns adopted.

The routes of new public roads in areas subject to landslides shall be designed to minimize landslide risks.

MULTI-JURISDICTIONAL LANDSLIDE RISK ASSESSMENT

See Volumes Two and Three for the landslide risk assessment from participating multi-jurisdictional partners.





**STANISLAUS COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN
RISK ASSESSMENT**

IDENTIFY—DAM FAILURE/INUNDATION HAZARD

NATURAL HAZARD	HOW IDENTIFIED	WHY IDENTIFIED
DAM FAILURE	<ul style="list-style-type: none"> • County General Plan Safety Element • County Emergency Operations Plan 	<ul style="list-style-type: none"> • Potential to cause devastation.

PROFILE—DAM FAILURE

Three major dams have a direct effect on Stanislaus County. LaGrange Dam, located in the eastern corner of Stanislaus County, is situated on the Tuolumne River just above the town of LaGrange and operated by the Modesto and Turlock Irrigation Districts.

Don Pedro Dam is located in Tuolumne County on the upper Tuolumne River. It has a gross pool capacity of 2,030,000 acre feet and is operated jointly by the Modesto and Turlock Irrigation Districts and the City of San Francisco.

New Melones Dam, located in both Tuolumne and Calaveras Counties, is located on the Stanislaus River and operated by the U.S. Bureau of Reclamation. Gross pool capacity of New Melones is 2,420,000 acre feet.

Dam failure is the collapse or failure of an impoundment that causes significant downstream flooding. Flooding of the area below the dam may occur as the result of structural failure or overtopping of the dam.

A severe storm, earthquake or erosion of the embankment and foundation leakage may cause the collapse and structural failure of Dams in or adjacent to Stanislaus County. Seismic activity may also cause inundation by the action of a seismically induced wave that overtops the dam without causing failure of the dam, but significant flooding downstream. Landslides flowing into Lakes and Reservoirs may also cause dams to fail or overtop.

There have been no previous occurrences.



Don Pedro Dam/Floods of 1997



Don Pedro/Spillway/Floods of 1997

ASSESS DAM FAILURE VULNERABILITY/OVERVIEW

The catastrophic failure of New Melones, Don Pedro or LaGrange dams will have severe consequences. Foremost, are injuries, loss of life, limited transportation routes and a decrease in vital utilities. Additionally, because of Stanislaus County's strong agricultural influences significant downstream property damage and the loss of domestic and farm production animals will be a major concern.

There are a number of dams, both in and out of the County on the east and west sides, which could produce flooding should they fail. There are requirements that the owners of dams prepare maps showing areas, which would be flooded, should the dams fail. For purposes of emergency preparedness, areas expected to be inundated, should a failure occur are depicted "Dam Failure Inundation Areas." More specific emergency preparedness information and potential hazards can be found in the individual Emergency Plans for each dam. These plans are available at the Office of Emergency Services and will be available in the EOC when activated.

ASSESS DAM FAILURE VULNERABILITY/IDENTIFYING STRUCTURES

Facilities affected by a dam failure are:

- Modesto City/County Airport
- Bridges
- Highways
- Hospitals
- Schools
- Utilities
- Emergency Services
- Agriculture
- Sanitation
- Residential
- Domestic Water Supply

ASSESS DAM FAILURE VULNERABILITY/ESTIMATING POTENTIAL LOSSES

Inundation due to dam failure within the San Joaquin Valley is a low-probability but high-risk hazard. The potential risk for inundation of property is present in nearly all of the developed areas of Stanislaus County; however, catastrophic failure or flooding release of water from multiple dams at a single point in time is considered to be extremely unlikely. Those dams presenting an inundation risk for Stanislaus County are Exchequer Reservoir; Pine Flat Reservoir; San Luis Reservoir; New Melones Reservoir; Tulloch Reservoir; Don Pedro Reservoir and La Grange dam.

Exhibit I-1 presents an overview of dam inundation hazard zones within Stanislaus County.

Exhibits I-2, I-3 and I-4 illustrate the areas of risk from inundation from those reservoirs presenting the greatest risk. Exhibits I-2 and I-3 present the inundation risk within the northern and southern portions of the county, respectively. Exhibit I-4 depicts the location of planned future facilities included within the County's Preliminary Capital Improvement Plan for Fiscal Year 2003-2005 where the sites of planned facilities are known. (Sites of other planned future projects have not yet been identified. Mitigation of local hazards will be considered in the siting of all new County occupied facilities.)

The table in Exhibit I-5 summarizes the number of housing units, population and total property values at risk from inundation by source.

Exhibit I-5

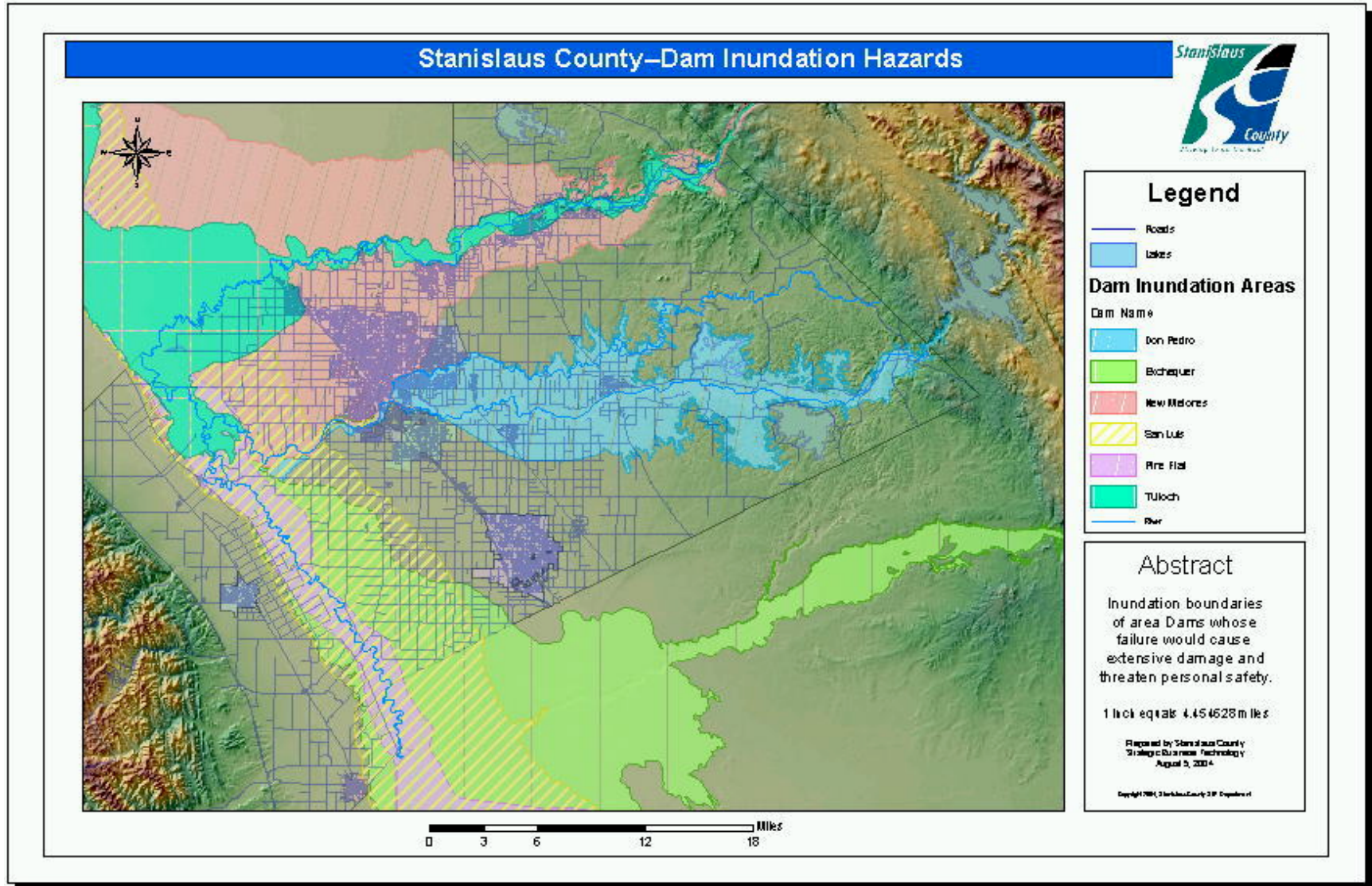
Summary of Dam Failure / Inundation Risks in Stanislaus County
 Housing Units, Population and Valuation By Inundation Source, 2004

Dam/Land Use	Population	Housing Units	Total Value	Reference
Don Pedro Dam	23,556	7,662	\$2,195,709,344	Appendix C
Exchequer Dam	9,609	3,082	\$557,516,872	Appendix D
New Melones Dam	41,096	13,737	\$3,242,197,778	Appendix E
Pine Flat Dam	3,821	1,120	\$168,325,563	Appendix F
San Luis Dam	14,312	4,568	\$819,457,159	Appendix G
Tulloch Dam	17,876	5,779	\$1,070,616,263	Appendix H

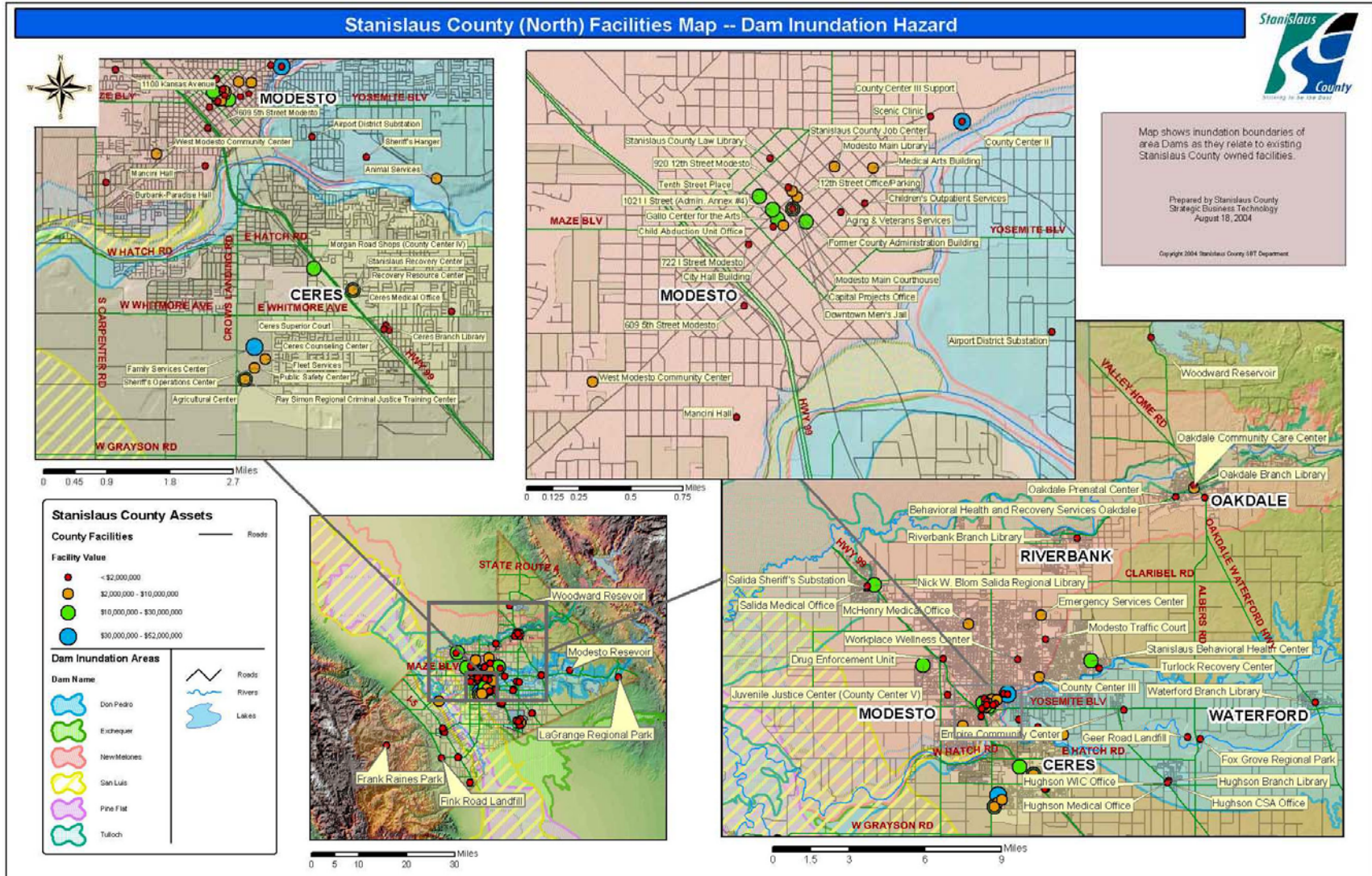
Reference Appendices C through H as noted in Exhibit I-5 for detailed identification of land uses, valuation, housing and population data by inundation source and jurisdiction within Stanislaus County.

Interactive Resources. Stanislaus County has incorporated risk data supplied from the State of California Office of Emergency Services, property valuation and land use data, and County facilities data into layers within a secured geographic information system (GIS) database to provide specific risk and value data pertinent to an inundation event. The GIS system allows authorized users to define a specific area within the county and to rapidly identify land use, ownership, population, housing and valuation data for all included properties. Specific County-operated facilities and infrastructure are also layered into the GIS system. Property valuation and land use data is updated live as the County Assessor conducts property appraisals as the system is linked directly to the Assessor's database. County facilities and infrastructure are updated periodically as changes occur.

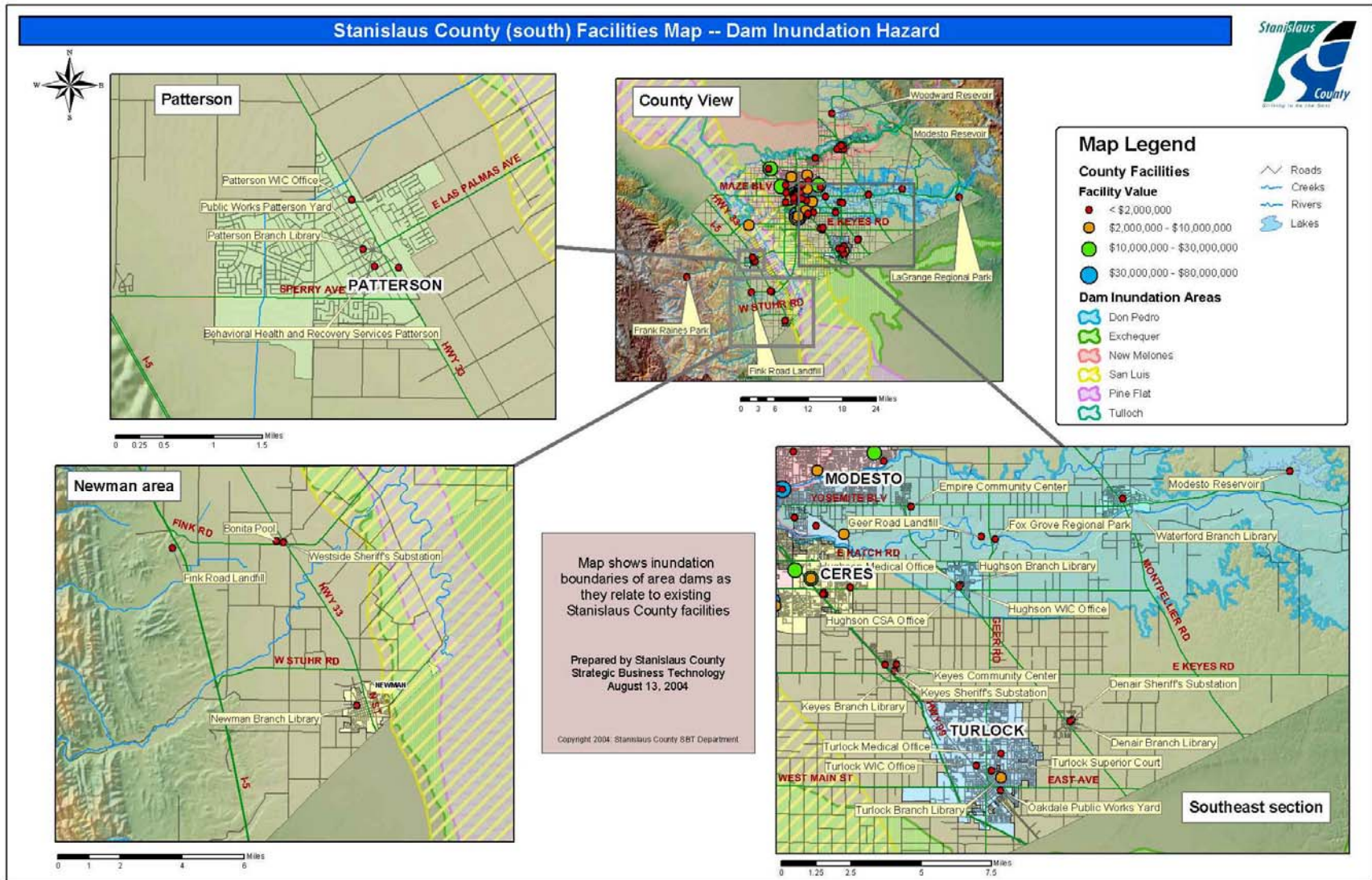
**Exhibit I-1
Stanislaus County -- Dam Inundation Hazard**



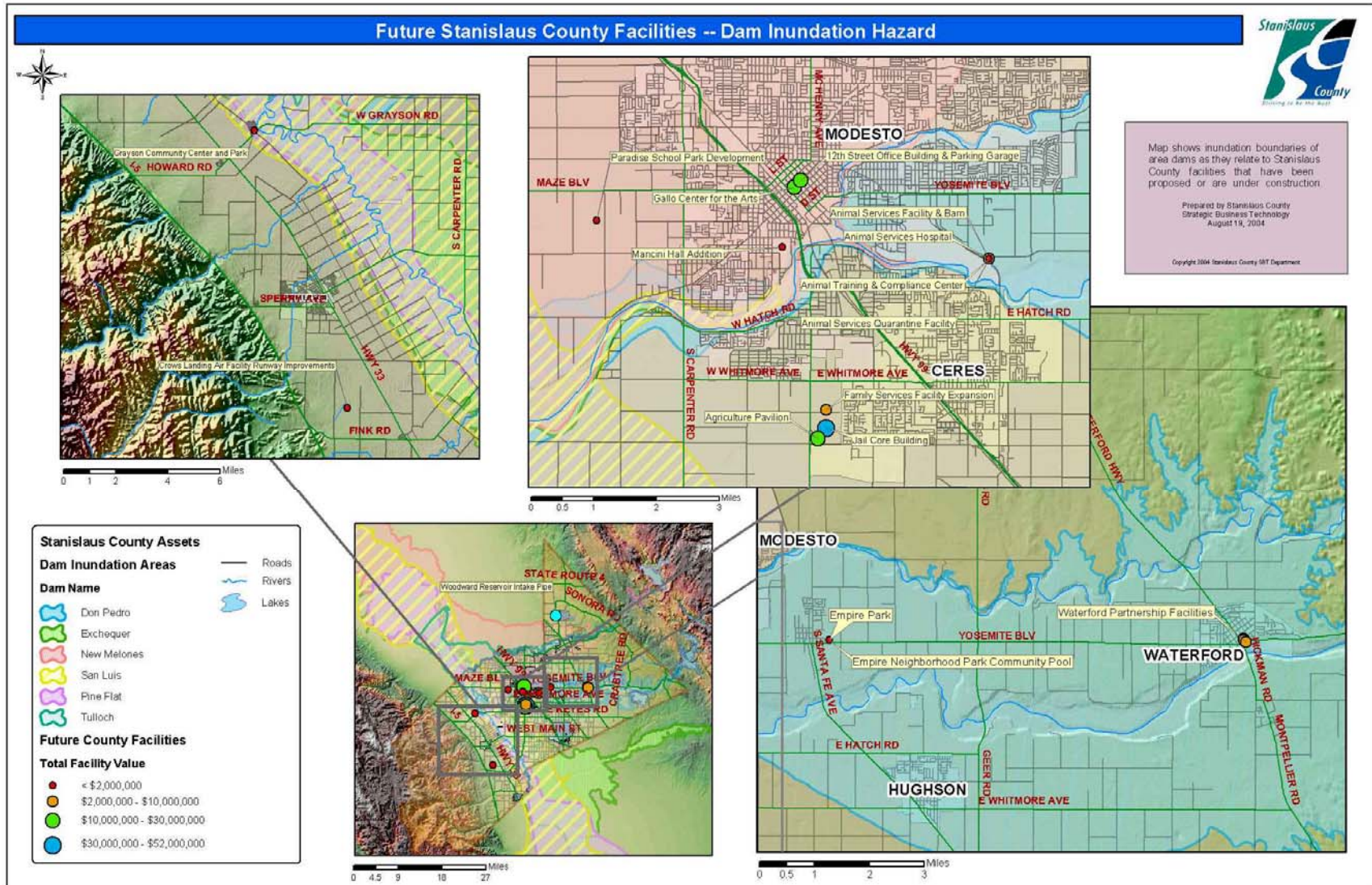
**Exhibit I-2
Stanislaus County (North) Facilities Map -- Dam Inundation Hazard**



**Exhibit I-3
Stanislaus County (South) Facilities Map -- Dam Inundation Hazard**



**Exhibit I-4
 Future Stanislaus County Facilities -- Dan Inundation Hazard**



ASSESS DAM FAILURE VULNERABILITY/ANALYZING DEVELOPMENT TRENDS

Growth continues to occur within the valley floor adjacent to the existing incorporated cities, with few exceptions. The risks of inundation resulting from failure of a dam pose a threat to the entire valley floor and, in particular, from New Melones and Don Pedro dams within the area of greatest population density. In the western side of the valley and along the San Joaquin River, inundation caused by the failure of San Luis Dam and Exchequer Dam predominantly threaten the Newman, Patterson and Grayson communities.

The Stanislaus County Board of Supervisors has maintained support for the preservation of agricultural resources and has directed new development to the sphere of influence of existing incorporated communities. This policy has minimized "leap frog" development and the resulting conflict with agricultural uses throughout Stanislaus County. The Board has also encouraged the development of "infill" areas within existing communities as a priority over expansion into existing agricultural lands.

In Stanislaus County, the vast majority of developable lands lies within areas potentially subject to inundation due to dam failure. Inundation from dam failure in Stanislaus County could potentially be catastrophic given the potentially widespread area affected; however, such an event would be an extraordinary occurrence with little probability.

MULTI-JURISDICTIONAL DAM FAILURE RISK ASSESSMENT

See Volumes Two and Three for dam failure risk assessments from the County's multi-jurisdictional partners.



**STANISLAUS COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN
RISK ASSESSMENT**

IDENTIFY—FLOOD HAZARD

NATURAL HAZARD	HOW IDENTIFIED	WHY IDENTIFIED
FLOOD	<ul style="list-style-type: none"> • California proclaimed State of Emergency • County General Plan Safety Element • County Emergency Operations Plan • Input from Planning Director • Input from Public Works Director • Risk Assessments 	<ul style="list-style-type: none"> • Previous instances • Several repetitive loss properties are located in the County.

PROFILE—FLOOD EVENTS

Flooding has been a major problem throughout the history of Stanislaus County, particularly with the encroachment of urban growth into flood planes. Major floods have occurred in 1861, 1938, 1950, 1955, 1969, 1983, 1995, 1997 and 1998. The State Reclamation Board has identified and adopted designated floodways, defined in feet per second of flow, along the San Joaquin River, Stanislaus River, Tuolumne River and portions of Dry Creek.

The Department of Housing and Urban Development (HUD) has also developed flood hazard zones, which are referenced in the County's Flood Control Ordinance and used for insurance purposes. Any non-agricultural encroachment into these areas requires special permits that are difficult to obtain and often costly to implement. Permits for encroachment into the designated floodways must be obtained from the Reclamation Board. The County administers other permits. These measures still do not control flood hazards for existing development. Information regarding flood-prone areas as shown on the HUD maps is available in the Department of Public Works.

Substantial action has taken place to reduce flood hazards. Construction of Don Pedro Dam on the Tuolumne River and New Melones Dam on the Stanislaus River have permitted officials to monitor the flows of water in those rivers, significantly reducing the chances of flooding. New Melones Dam has, since its completion, prevented flooding above the 8000 cubic feet per second (cfs) level on the Stanislaus River. Regulation of the flows from Don Pedro limits flooding along the Tuolumne River, but does not completely eliminate it.

Several attempts have been made along the San Joaquin River to control flooding. First, the Corps of Engineers has built levees to limit flooding. Nine Reclamation Districts maintain these levees. Since these levees do not extend the full length of the river, flooding still occurs.

Second, there is a statewide flood control program, which monitors, through the use of computers, the levels of various rivers in the State. If the operator at Don Pedro, for example, wants to release water, the release might not cause any flooding on the Tuolumne but might affect the San Joaquin River. The operator informs the State of his intentions. The State then feeds this information into its computer along with all other available data to determine the effect of the proposed release. The State then coordinates the release of water from all of the dams so there is as little impact as possible on the rivers downstream. In the case of Don Pedro, it would be the San Joaquin River. Don Pedro may be permitted to release its water while another dam elsewhere along the system may have to temporarily reduce its releases.

Presently, there are two flood control districts in the County, the Orestimba Flood Control District and Sand Creek Flood Control District (Denair). There is some discussion of forming a flood control district for Salado Creek (Patterson) although no specific boundary is yet proposed.



Stanislaus County Flood of 1997

ASSESS FLOOD VULNERABILITY/OVERVIEW

The primary flood control concerns for Stanislaus County are the controlled or uncontrolled releases from the New Melones Dam onto the Stanislaus River, Don Pedro Dam onto the Tuolumne River and flood conditions on the San Joaquin River. Additionally, flood conditions can and have developed along the tributary known as Dry Creek, which originates in the watershed of the eastern Stanislaus foothills and terminates where it flows into the Tuolumne River in Modesto.

Most flood conditions are from heavy, prolonged rain or rapid snow thaw. Flooding could involve extensive life and property loss, interruption of transportation and communications systems, loss and damage to agricultural land, and interruption of government infrastructure.

Flooding risks are present along several rivers, including Del Puerto Canyon, Dry Creek, Orestimba Creek, Salado Creek, San Joaquin River, Stanislaus River, and the Tuolumne River. Exhibit F-1 illustrates the 100-year and 500-year flood zones within Stanislaus County.

ASSESS FLOOD VULNERABILITY/IDENTIFYING STRUCTURES

Facilities potentially affected by extensive flooding are:

- Airport
- Schools
- Utilities
- Emergency Services
- Agriculture
- Sanitation
- Residential

ASSESS FLOOD VULNERABILITY/ESTIMATING POTENTIAL LOSSES

Exhibits F-2 and F-3 identify County occupied facilities with flood risks from each of these sources.

Exhibit F-4 identifies future planned County occupied facilities and flood risks based on projects included in the Preliminary Capital Improvement Plan for Fiscal Year 2003-2005, where such planned facilities have been sited. Other projects planned with the CIP are not included where the site of the proposed facility has not yet been identified. Siting of all new County occupied facilities will consider the risks from local hazards.

**Exhibit F-1
Stanislaus County Flood Hazards**

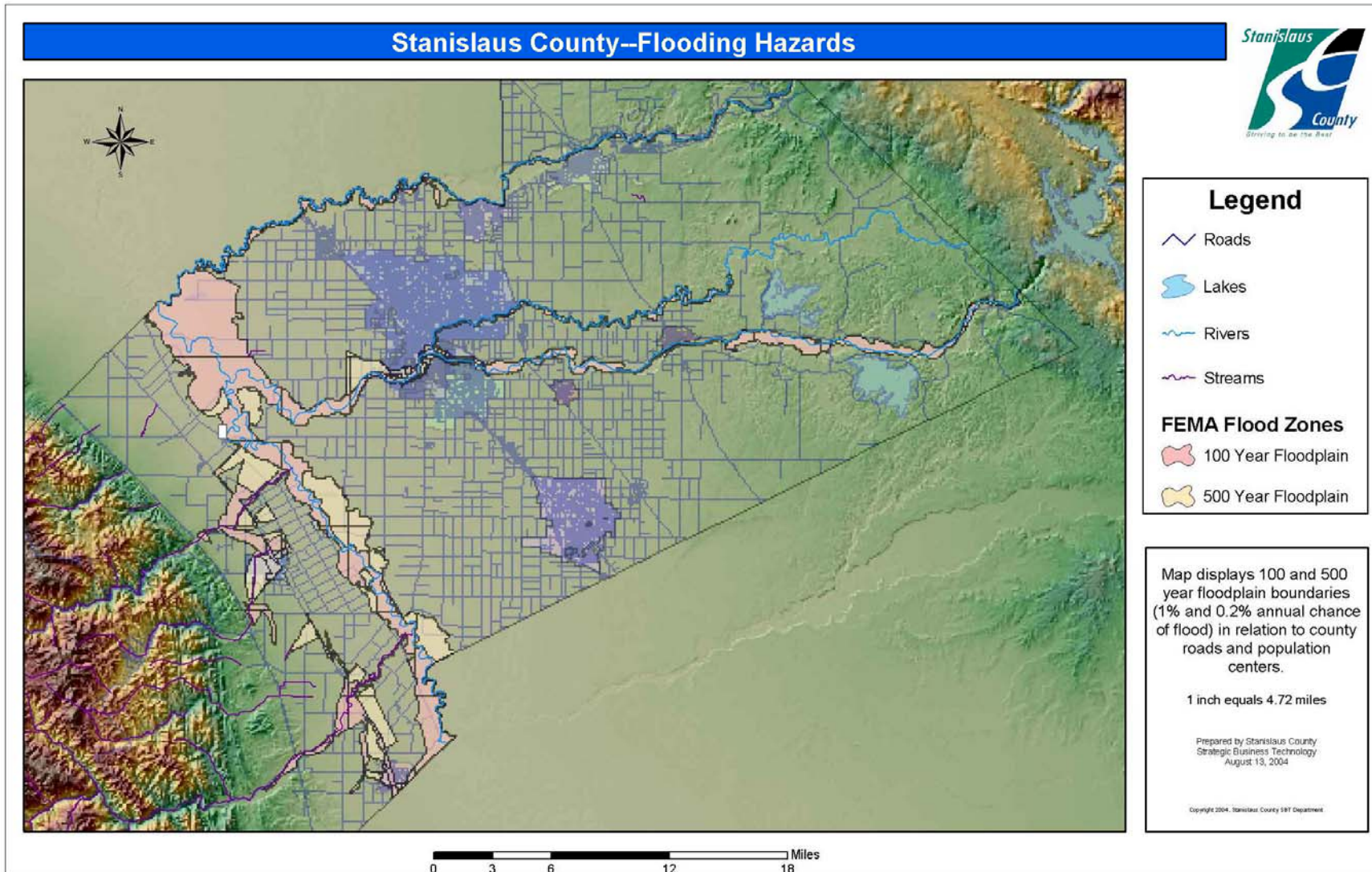


Exhibit F-2
Stanislaus County Occupied Facilities and Flood Risks (Central County)

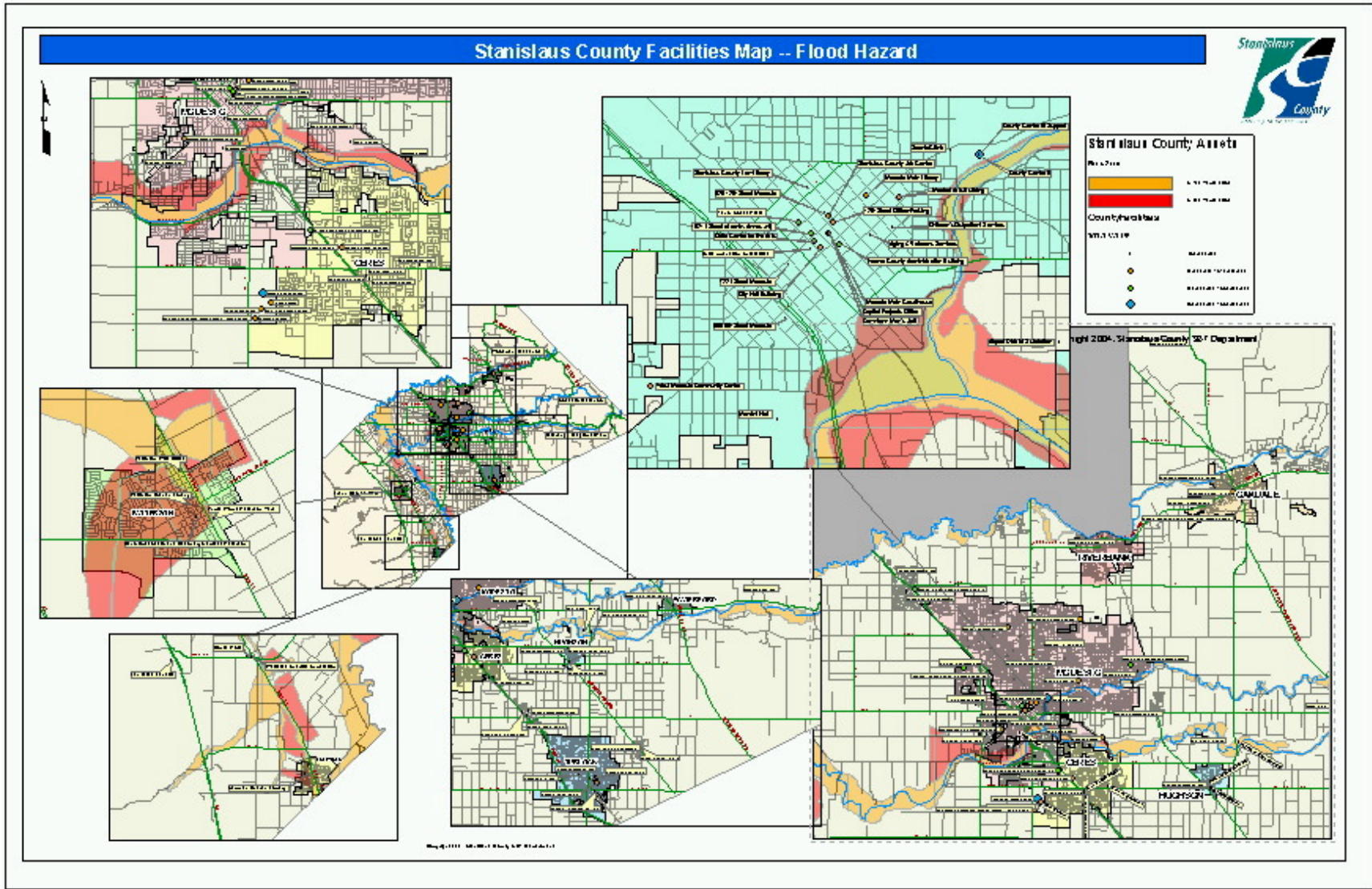
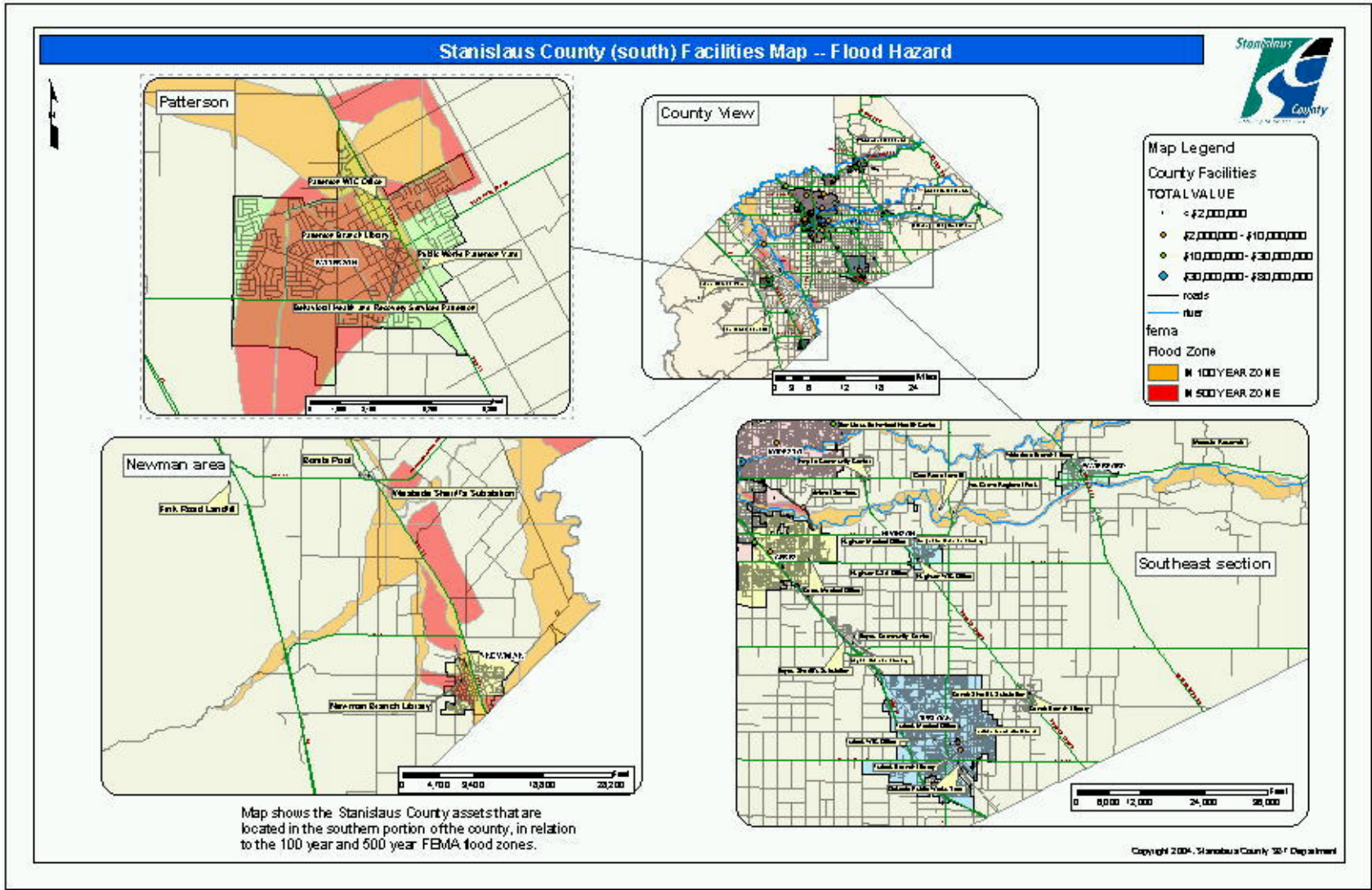


Exhibit F-3
South Stanislaus County Occupied Facilities and Flood Risks



**Exhibit F-4
Future Facilities at Flood Risk**

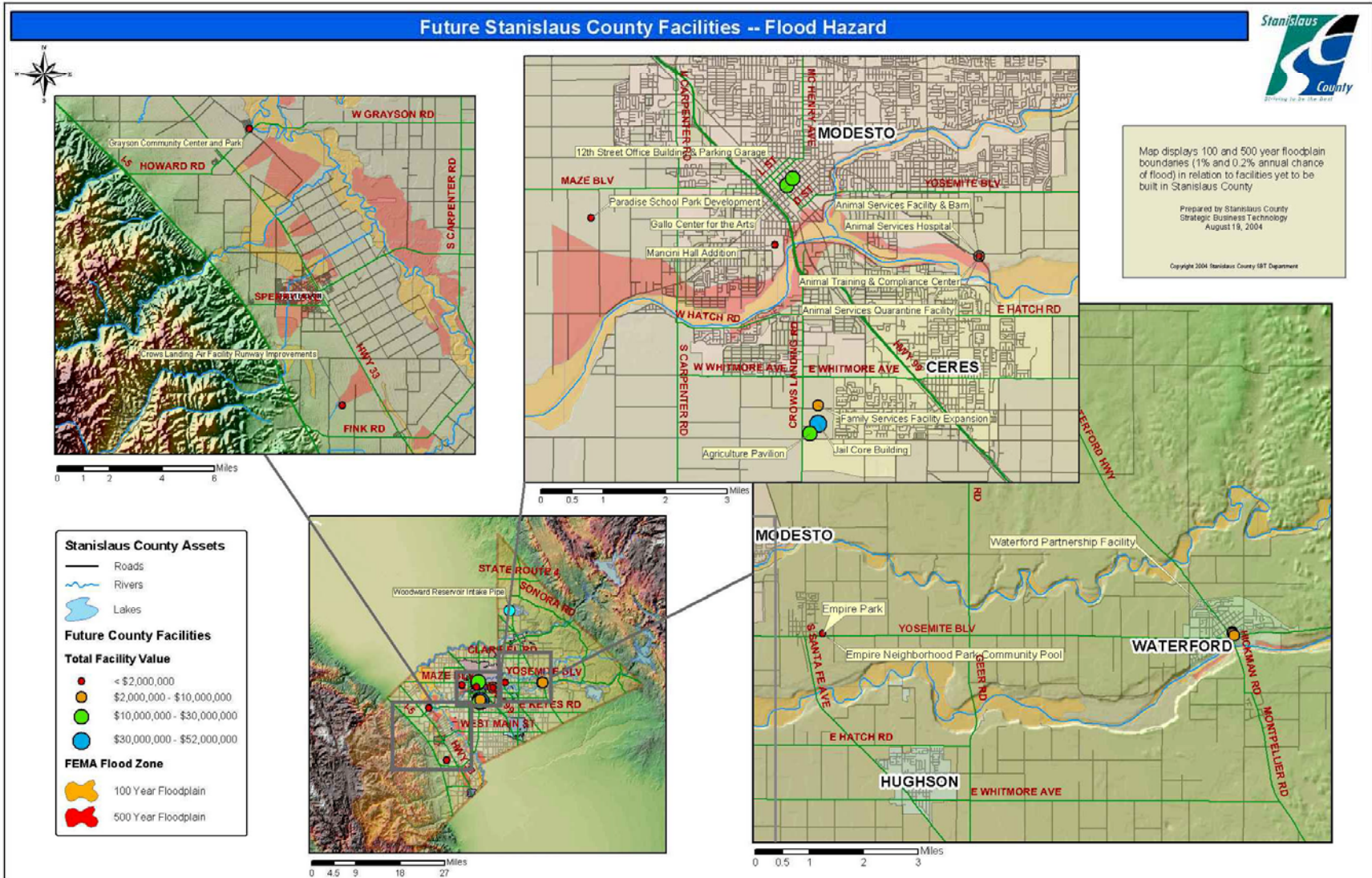


Exhibit F-5 lists a summary of the population, properties and values at risk from 100-year and 500-year floods from various source rivers. This exhibit also lists a summary of the housing units, population, number of parcels and valuation of properties at risk of flooding from various rivers within unincorporated Stanislaus County.

**Exhibit F-5
Summary of Flood Risks in Stanislaus County**

River	Population See Appendix B	Housing Units	Nbr. Parcels	Total Value
100-Year Flood				
Del Puerto Canyon	332	99	161	\$41,272,399
Dry Creek	747	273	162	\$50,722,172
Orestimba Creek	588	219	214	\$50,328,934
Salado Creek	20	6	21	\$7,085,611
San Joaquin River	1,527	411	451	\$80,755,343
Stanislaus River	2,419	946	446	\$137,354,056
Tuolumne River	2,890	1,066	2,160	\$795,166,379
500-Year Flood (Includes 100-Year and 500-Year Risk)				
Del Puerto Canyon	625	194	218	\$55,329,267
Dry Creek	747	273	162	\$50,722,172
Orestimba Creek	1,056	385	317	\$69,439,991
Salado Creek	97	25	38	\$10,507,181
San Joaquin River	1,916	529	516	\$104,572,045
Stanislaus River	2,419	946	446	\$137,354,056
Tuolumne River	9,680	3,110	3,328	\$928,533,251

Values for 500-Year Flood impacts are in addition to the 100-Year flood values in the table above and in Appendix B. The values shown for 500-year flood impacts represent the difference between the 100-year flood level and the 500-year flood level. Add both values to represent the estimated 500-year flood impact.

Refer to Appendix B for detailed identification of land uses, values and parcel counts by land use type, jurisdiction and flood source. Appendix B provides a summary of the number of housing units and population by jurisdiction and flood source.

ASSESS FLOOD VULNERABILITY/ANALYZING DEVELOPMENT TRENDS

Urban development is discouraged in areas with growth-limiting factors such as a high water table, poor soil percolation and flood plains unless measures to mitigate the problems are included as part of the development application.

Development is not allowed in areas that are within the designated floodway. Development within the 100-year flood boundary shall meet the requirements of Chapter 16.40 Flood Damage

Protection of the County Code and within the designated floodway shall obtain Reclamation Board approval.

With several rivers traversing the County, flooding is a concern. The County makes information available to landowners in areas subject to flooding and supports the formation of improvement districts including flood control districts to eliminate safety hazards.

Development, except that which is consistent with the County General Plan at the time the Patterson Agreement is executed, in the area known as the Sperry Avenue Corridor, shall be required to participate in the solution of the Salado Creek flooding problem.

The County also utilizes the California Environmental Quality Act (CEQA) process to ensure that development does not occur that would be especially susceptible to flooding. Most discretionary projects require review for compliance with CEQA. As part of this review, potential impacts must be identified and mitigated.

The County continues to support the Federal Emergency Management Agency (FEMA) Flood Insurance Program so that residents who qualify may purchase such protection.

MULTI-JURISDICTIONAL FLOOD RISK ASSESSMENT

See Volume Two and Three for flood risk assessment reports from the County's multi-jurisdictional partners.



**STANISLAUS COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN
RISK ASSESSMENT**

IDENTIFY—WILDFIRE HAZARD

NATURAL HAZARD	HOW IDENTIFIED	WHY IDENTIFIED
WILDFIRE	<ul style="list-style-type: none"> • County General Plan Safety Element • County Emergency Operations Plan 	<ul style="list-style-type: none"> • Potential to cause devastation.

PROFILE—WILDFIRE

Generally from May to October of each year, Stanislaus County experiences its wildfire season. Most of the fire susceptible areas are located in the extreme eastern and western portion of the County. This is due to the underdeveloped, rugged terrain and the highly flammable, grass and brush covered land. High temperatures, low humidity, and strong winds may exacerbate the potential for wildland fires.

Within Stanislaus County, the areas of potential brush fires are the Diablo Range, generally located west of Interstate 5, and the Sierra Nevada foothills in the eastern portions of the County. According to the California State Division of Forestry, the majority of these areas are rated as having the highest possible critical fire weather frequency on an annual basis. This factor, combined with vegetation and slope percentage, produce overall fire ratings of moderate to high throughout the fire hazardous areas.

The urban areas of Stanislaus County are not normally susceptible to wildfires, however, there is still potential for smaller fires in and around the less developed areas where patches of vegetation are present.

Brush fire hazards can be traced to four causes: topography, vegetation, climate, and people. Chaparral, grasslands and other wild plant life provide the major sources of fire fuel. Stanislaus County has a Mediterranean type of climate with cool, wet winters and hot, dry summers. The hot, dry summers in Stanislaus County produce large areas of extremely dry vegetation often located on topography which enhance the spread of flames and prohibits access of fire fighting equipment. When people are added to the above situation, the chances of fires are greatly increased.

Brush fires have a secondary effect on erosion, which can occur due to loss of vegetation. This erosion effects not only the burned land, but also land below it where eroded material may be deposited. It should be noted that some wildland fires are necessary as an integral part of the ecosystem and are allowed to burn even after a fire suppression agency is capable of control. These areas are limited, however, and not permitted to endanger life or property.



Westley Tire Fire



ASSESS WILDFIRE VULNERABILITY/OVERVIEW

Wildland fires are generally limited to the foothills on either side of the County. Although there is less of a hazard to structures and people, controlling such fires is more difficult because of their inaccessibility. While urban fires result in injuries and loss of property, brush fires may result in loss of natural vegetation, loss of agricultural crops, erosion of the soil, and intrusion of the eroded soil into lower lying areas where it may be deposited.

Urban fires are generally man-caused fires that can be mitigated through proper building code requirements, fire flow minimums and zoning or subdivision ordinance requirements. Although the County has no single unified set of safety standards, there are a number of standards, specifications, and regulations, which apply to fire safety. These include Building Code Standards, zoning, and subdivision regulations that specify building material quality, setbacks, relationships between land uses, land use density, and preservation of open space lands. The major impact of these standards has been directed towards current and future development. They do little to alleviate urban fire problems in older areas. The social and economic ramifications of attempting to mitigate the potential threat of fire hazardous structures are great. Vulnerability to wildfires is increased because much of the land area of the County is serviced by Volunteer Fire Departments and a portion of the County north of Woodward Reservoir is not covered by any fire district.

The County has developed several mechanisms for dealing with fire hazards. Building Code Standards require use of the safest electrical methods and separation between buildings for fire reasons. When separations are not maintained, walls must be built (commonly called fire walls), through which fire cannot burn for a specified time, usually one to four hours. This helps prevent the spread of urban fires. Some buildings whose use would be more susceptible to fire must have automatic sprinkler systems installed. Numerous other safety measures can be found in the Building Code.

The County Fire Warden's Office enforces a section of the County Code which requires removal of "all dirt, rubbish, weeds, ... which constitute a fire menace or which is otherwise a menace to health or safety..." in urban areas. If the property owner does not remove the material, the Fire Warden's Office can do so and charge the cost of removal to the property owner.

The map in Exhibit W-1 indicates distances from regions where wildfires have historically occurred, suggesting the degree of likelihood of future fire threats.



ASSESS WILDFIRE VULNERABILITY/IDENTIFYING STRUCTURES

The majority of areas threatened by potential wildfire losses within Stanislaus County are in the foothills at the far eastern and western edges of Stanislaus County where little population or development presently exist. Exceptions include:

- Pockets of development west of Interstate 5 (Diablo Grande; Fink Road Landfill)
- Frank Raines Regional Park (restrooms, well/pump facilities)
- Radio communications facilities (Mt. Oso)
- Woodward, Turlock Lake and Modesto Reservoir park improvements
- La Grange Regional Park improvements

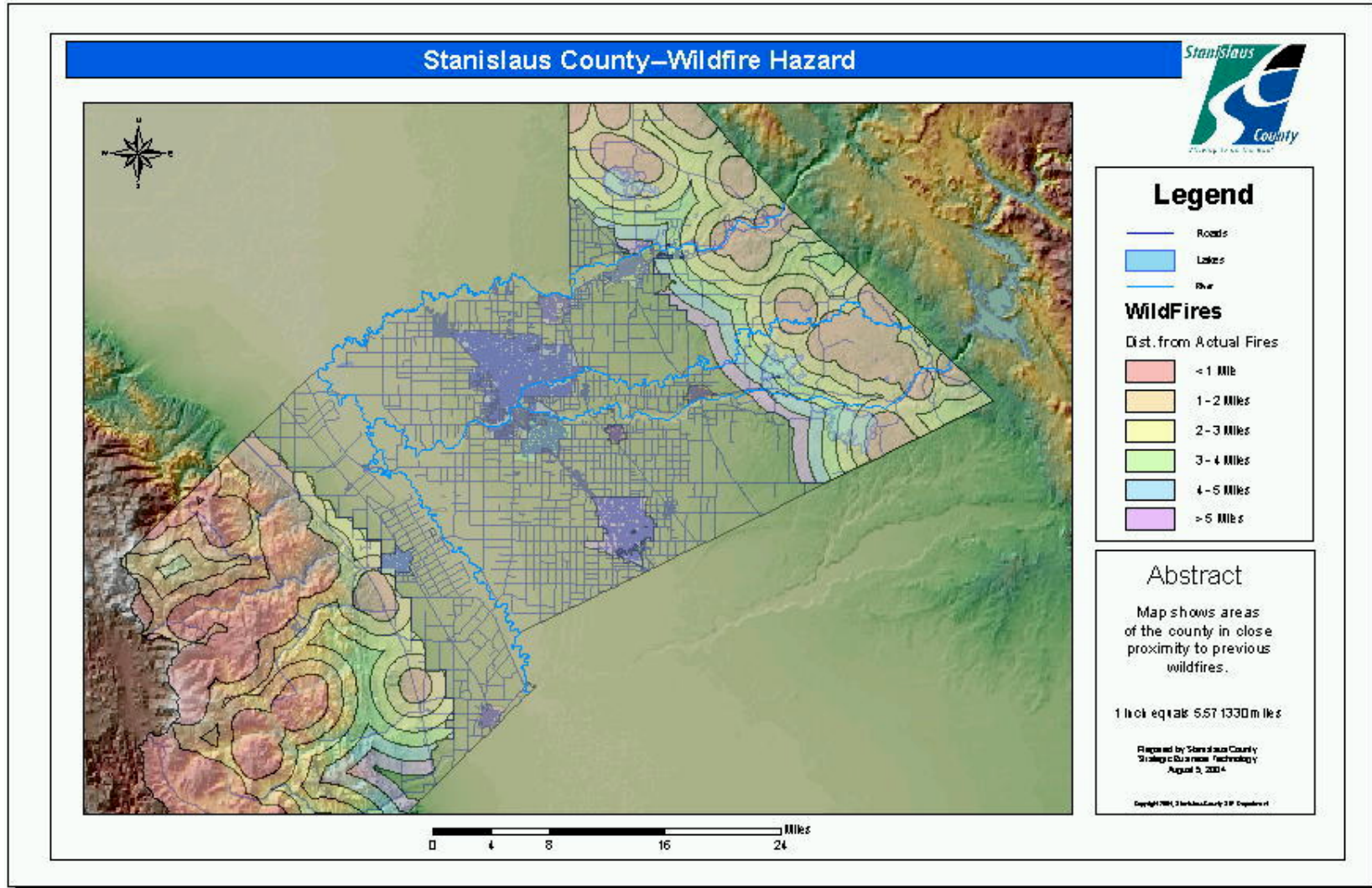
Wildfires can threaten any improvements, particularly those which are not protected by buffer zones or which are constructed of combustible materials. The highest risk areas are also those with the least density of development, but may include ranches, farmland and pasture properties and their associated structures and fences. Most of the County's infrastructure facilities are less vulnerable to wildfire due to the materials used in their construction. Wildfires may threaten infrastructure of other utilities, such as power and telecommunications lines, etc.

ASSESS WILDFIRE VULNERABILITY/ESTIMATING POTENTIAL LOSSES

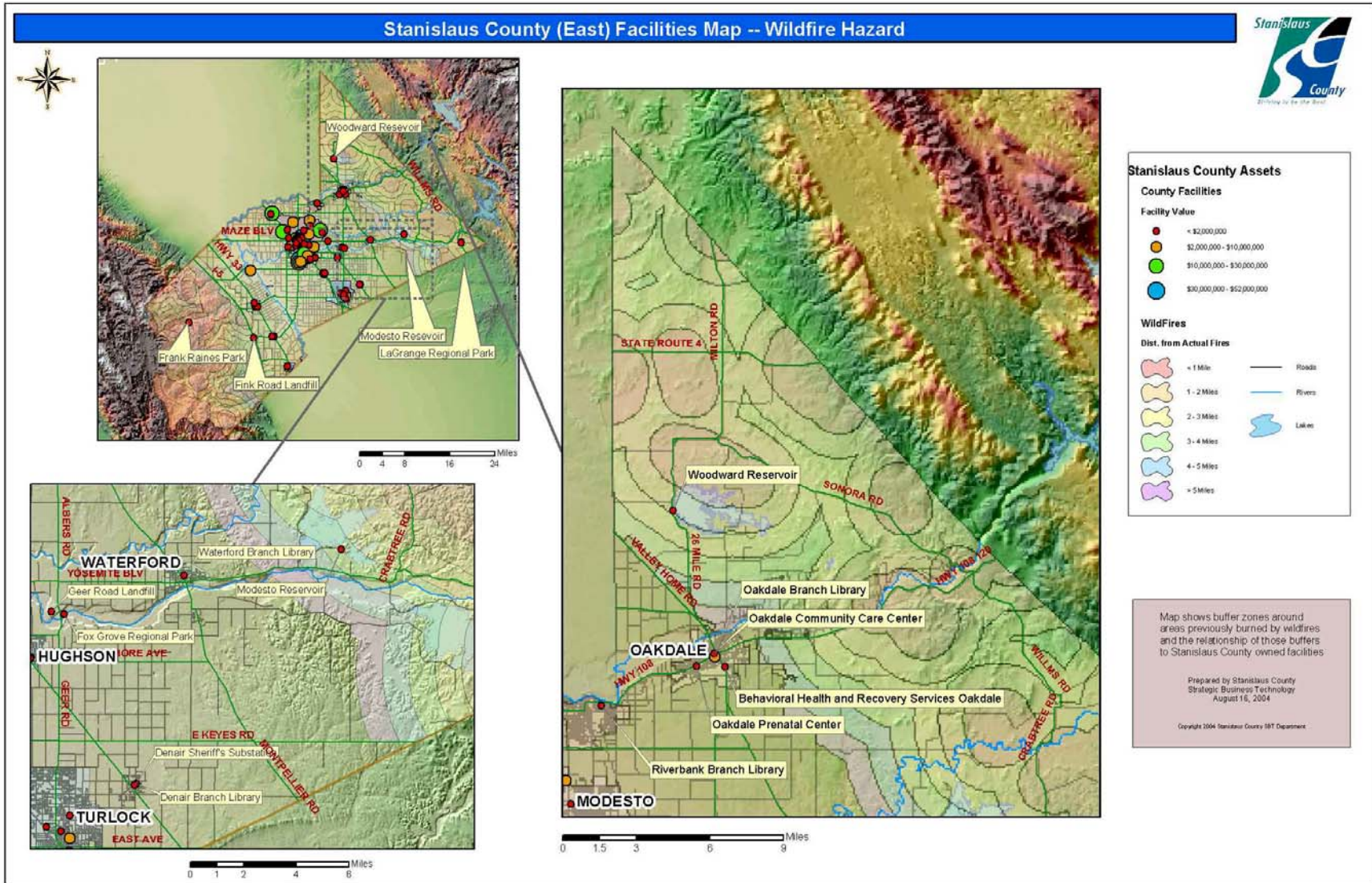
Exhibits W-1 through W-4 identify lands within Stanislaus County at various levels of risk for wildfires.

Exhibit W-2 identifies existing County occupied facilities and wildfire risks within the eastern portion of Stanislaus County. Exhibit W-3 provides similar detail for the southern and western portions of the county. Planned future County occupied facilities are identified in Exhibit W-4 where the site of planned facilities is known. Those facilities to be sited in the future will consider mitigation of local hazard risks. The highest risk areas are located in the west hills and in the Sierra Nevada foothills at the eastern edge of the County.

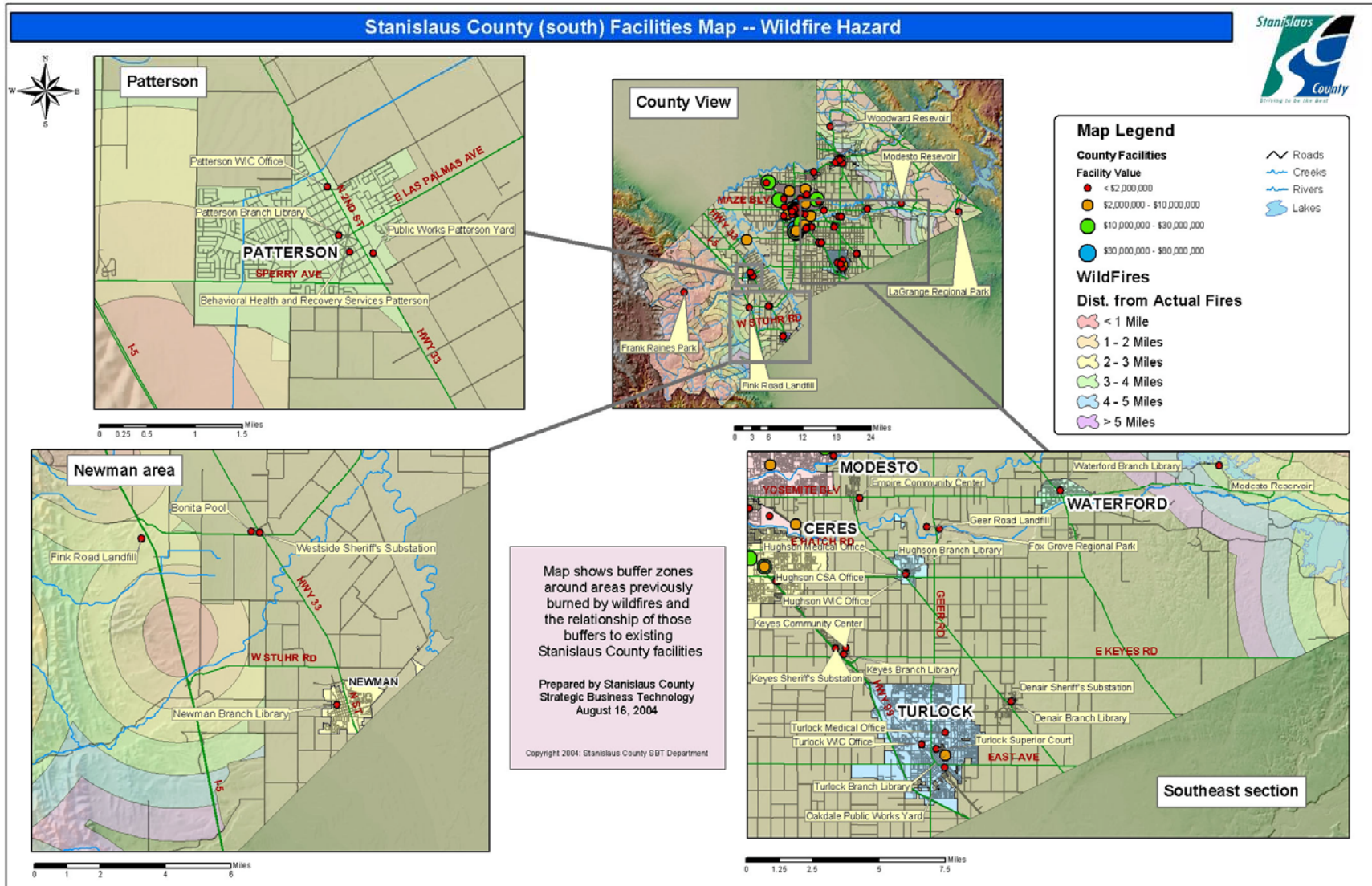
**Exhibit W-1
Stanislaus County Wildfire Risk-Hazard**



**Exhibit W-2
Stanislaus County (East) Facilities Map -- Wildfire Hazard**



**Exhibit W-3
Stanislaus County (South) Facilities Map -- Wildfire Hazard**



**Exhibit W-4
Future Stanislaus County Facilities -- Wildfire Hazard**

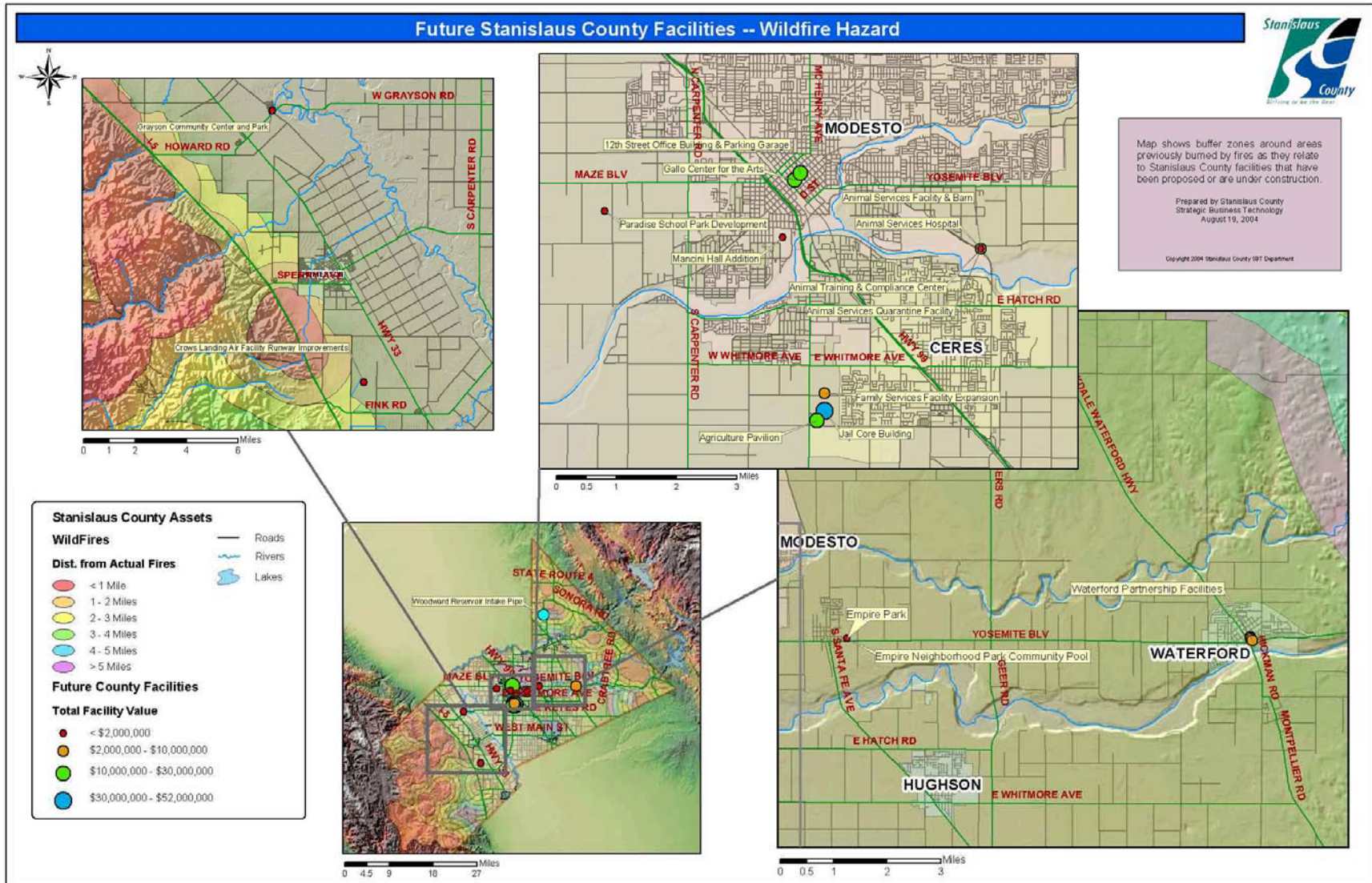


Exhibit W-5 provides a summary of properties and values within those areas at wildfire risk. The summary provides the total value of all properties; however, it is unlikely that all properties would experience a hazard event simultaneously.

Exhibit W-5

Summary of Properties at Wildfire Risk in Stanislaus County

Number of Parcels, Total Value, Population and Housing, 2004

Land Use	Nbr. of Parcels	Total Value
Commercial	60	\$44,282,998
Industrial	6	\$1,639,227
Non-Assessible, Factored	376	\$68,743,843
Residential	423	\$136,193,283
Residential-Income	4	\$1,232,885
Rural, Farm, Agricult.	3,514	\$760,031,240
Vacant Comm./Industrl.	33	\$5,250,267
Vacant Residential	60	\$5,126,989
Total	4,476	\$1,022,500,732
Population		5,497
Number of Housing Units		2,039

A detailed table of values for properties located within wildfire risk areas by jurisdiction is located in the Appendix J.

Interactive Resources

Stanislaus County has developed layers within a geographic information system (GIS) to map the wildfire risk areas, property land uses and values, housing and population as presented in this section. The GIS system provides the capability to quickly identify specific uses and values of properties at risk during an actual event where a specific geographical area can be identified. Areas at risk and potentially at risk due to wind patterns, etc. can be quickly identified.

ASSESS WILDFIRE VULNERABILITY/ANALYZING DEVELOPMENT TRENDS

The Fire Warden's Office has developed minimum fire flow requirements for new development. The General Plan lists the requirements in existence as of April 1, 1986. The requirements are:

Minimum Fire Flow Requirements. Fire flow shall be determined in accordance with the fire protection agency of the area and the design engineer shall check with the involved agency prior to design.

Existing Water Systems. Where an established water system is present which may be extended, and where the system is not substandard to these regulations, the fire flow shall not be less than:

Lot density of three or more single family residential units per acre.	1,000 gpm
Duplex residential units, neighborhood business of one story.	1,500 gpm
Multiple residential, one and two stories; light commercial or light industrial.	2,000 gpm
Multiple residential, three stories or higher; heavy commercial or heavy industrial.	2,500 gpm

Exception: With the installation of an approved, supervised, automatic sprinkler system, in accordance with the National Fire Protection Association Pamphlet #13, throughout the building, a 50% reduction may be granted. In no case shall there be less than 500 gpm provided on site.

No Existing Water System. Where there is no established water system, in the rural areas of Stanislaus County, the following guidelines shall apply:

The installation of reservoirs, pressure tanks, elevator tanks, or other fixed systems capable of supplying the required fire flow and/or static source shall be in accordance with the National Fire Protection Association Pamphlet #1231, "Water Supplies for Rural and Suburban Fire Fighting."

The Land Use Element of the County General Plan requires that urban development occur through logical expansion of existing urban areas so that urban services (such as fire protection, public water, etc.), can be provided. One reason for this requirement is that provision of public water reduces the effects of urban fires. The Circulation Element proposes road widths and standards that will provide adequate access for fire fighting equipment.

The Zoning Ordinance and Subdivision Ordinance also contains standards to minimize fire hazards. Among these provisions are minimum setbacks between dwellings and between buildings and streets, as well as a prohibition on the creation of parcels without adequate access. The minimum width road, without special approval, is 50 feet.

The major impact of these measures has been directed towards current and future development. They do little to alleviate urban fire problems in older areas. The social and economic ramifications of attempting to mitigate the potential threat of fire hazardous structures are great. Issues to be faced include occupant safety and welfare, equitable treatment of building owners, possible relocation of occupants and minimization of overall adverse effects on the local economy. In the past, some of these issues could have been addressed through the use of Community Development Block Grant (CDBG) funds, however, it appears that those funds may

no longer be available. Both the Stanislaus County Building Department and the Department of Environmental Resources attempt to upgrade older buildings through the use of the Uniform Building Code, Uniform Housing Code, and health and safety laws. Both the legal authority and the available staff time is limited for this type of activity.

MULTI-JURISDICTIONAL WILDFIRE RISK ASSESSMENT

See Volumes Two and Three for risk assessments from the County's multi-jurisdictional partners.



STANISLAUS COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN MITIGATION STRATEGY

INTRODUCTION

The Multi-Jurisdictional Hazard Mitigation Plan (MJHMP) represents the County's commitment to reduce risks from natural hazards. It will serve as a guide for the Board of Supervisors as they commit resources to reducing the effects of natural hazards. The County's Mitigation Strategy is guided by the vision of a safe and resilient County. Our mission is to integrate existing laws and programs into a mitigation strategy that will serve the citizens by reducing and preventing injury and damage from natural hazards. Our goals were developed to be compatible with the goals of the community as expressed in the Safety Element of the General Plan and the Emergency Operations Plan.

Stanislaus County routinely performs activities such as issuing building permits, approving development plans, and repairing roads. The County is conscious that these activities should reflect our vision and goals, whether it is using the most current building code, restricting development in hazard-prone areas, or making infrastructure decisions based on our latest Risk Assessment findings. This Mitigation Plan will help serve as a tool for making future decisions.

Mitigation efforts should occur both before and after emergencies or disasters. This includes eliminating or reducing the impact of hazards that exist within Stanislaus County.

Mitigation efforts include:

- Amending local ordinances and statutes, such as zoning ordinances, building codes, and other enforcement codes;
- Integrating mitigation efforts into the County General Plan;
- Initiating structural retrofitting measures;
- Improving the understanding of the vulnerability of building types;
- Ensuring that all development in high-risk areas is protected by mitigation measures that provide for safety;
- Assessing tax levees or abatements;
- Emphasizing public education and awareness;
- Assessing and altering land use planning; and/or
- Establishing partnerships between all levels of government and the business community to improve and implement methods to protect property and lives.

PLANNING PROCESS

The County's Mitigation Plan was a collaborative effort between the Project Manager, Capital Projects, Planning and Community Development Director, other planners, Public Works, the Fire Warden and the Office of Emergency Services retired Fire Warden. The plan was also reviewed and shared with our multi-jurisdictional partners to receive feedback and help us prioritize goals and objectives. A draft plan was also posted on the County's web page to encourage and solicit feedback from our stakeholders.

CRITERIA USED TO PRIORITIZE MITIGATION ACTIVITIES

- Percent of population at risk;
- Frequency and likelihood of hazard;
- Repetitive loss areas;
- Community planning resources available;
- Types and percent of land areas at risk;
- Development;
- Project urgency;
- Cost benefit analysis and/or;
- Cost effectiveness of measure.

WHY DO WE NEED A MITIGATION STRATEGY?

- To help the County make decisions that will reduce its vulnerability to hazards;
- It costs too much money to only address the effects of a disaster after it occurs;
- State and Federal aid is usually insufficient to cover the extent of physical and economic damages resulting from disasters;
- Damage from hazards can be prevented if the County takes the time to anticipate where and how disasters will occur, and then take appropriate action to minimize damages;
- The County can lessen the impact of disasters and speed the response and recovery process;
- The County has a moral responsibility to its citizens to plan and recognize the potential for hazards; and
- Awareness can help our community become more sustainable and disaster resistant.

FUNDING PRIORITIES

- Protect lives and property at risk from imminent hazards created or made worse by disasters;
- Protect vulnerable critical facilities and infrastructure in high hazard areas of the County;
- Reduce repetitive losses; and
- Encourage all communities to adopt a Local Hazard Mitigation Plan.

Funding projects that will help to mitigate imminent hazards are cost effective and assist in efforts to help communities recover from disasters. It is not anticipated that all future projects will be identified in this Multi-Jurisdictional Hazard Mitigation Plan. The County's Mitigation Plan will however, help guide local government to prioritize, be flexible, and identify critical mitigation strategy needs that may arise from a disaster when there is no time to update the local plan.

It is also important for the County to help protect critical facilities and infrastructure. Stanislaus County already has a Capital Improvement Plan with a Capital Projects Program in place. They are actively working to protect facilities and infrastructure important to the County. They are aware of the need to incorporate the requirements of the Mitigation Plan into their current and future projects.

Areas of repetitive loss are high priorities for mitigation funding. Repetitive losses can drain County coffers and are cost effective to mitigate.

Due to the past history of disasters declared throughout the County, we have strongly encouraged all jurisdictions to adopt a Local Hazard Mitigation Plan. Jurisdictions have been forewarned that without an adopted plan they cannot receive federal financial assistance for hazard mitigation.



**STANISLAUS COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN
MITIGATION STRATEGY/EARTHQUAKES**

HAZARD MITIGATION GOALS—EARTHQUAKES

- Minimize future loss of life and reduce property damage as a result of earthquakes.
- Reduce economic impact of earthquakes.

IDENTIFICATION AND ANALYSIS OF MITIGATION ACTIONS—EARTHQUAKES

PRIORITY ACTIONS		
HAZARD	ACTION	PRIORITY
Earthquake	Discourage development in geological fault areas.	HIGH
Earthquake	Prohibit urban development in geological fault and hazard areas unless measures to mitigate the problems are included as part of the application.	HIGH
Earthquake	All new development shall be designed to reduce safety and health hazards.	HIGH
Earthquake	The County will continue to enforce State-mandated structural Health and Safety Codes, including but not limited to the Uniform Building Code, the Uniform Housing Code, the Uniform Fire Code, the Uniform Plumbing Code, the National Electric Code and Title 24.	HIGH
Earthquake	Support efforts to identify and rehabilitate structures that are not earthquake resistant.	MEDIUM

IMPLEMENTATION OF MITIGATION ACTIONS—EARTHQUAKES

IMPLEMENTATION STRATEGY		
Action/Priority	Responsible Agency	Funding Source Timeframe and Deadline
Applications for development in areas with geological faults shall include measures to mitigate the impacts associated with ground shaking. (HIGH)	<ul style="list-style-type: none"> • Development Services • Public Works • Environmental Resources • Planning Department • Planning Commission • Board of Supervisors 	<ul style="list-style-type: none"> • Existing staff • Application Fees • General Fund • Continuous Implementation
Residential development may not be approved at the maximum density if it is in a geological fault area or if it does not meet the requirements of Chapter 16.40 of the County Code. (HIGH)	<ul style="list-style-type: none"> • Development Services • Planning Department • Environmental Resources • Public Works • Planning Commission • Board of Supervisors 	<ul style="list-style-type: none"> • Existing staff • Application Fees • General Fund • Continuous Implementation
The County shall enforce provisions of the Alquist-Priolo Earthquake Fault Zoning Act. (HIGH)	<ul style="list-style-type: none"> • Development Services • Building Inspection • Planning Department • Public Works • Planning Commission • Board of Supervisors 	<ul style="list-style-type: none"> • Existing staff • Application Fees • General Fund • Continuous Implementation
Development in areas of geologic hazard shall include acceptable evacuation routes. (HIGH)	<ul style="list-style-type: none"> • Emergency Services • Public Works 	<ul style="list-style-type: none"> • Existing staff • Application Fees • General Fund • State Funds • Federal Funds • Continuous Implementation
Development proposals adjacent to reservoirs shall include an evaluation of the potential impacts from a seismically induced seiche. (HIGH)	<ul style="list-style-type: none"> • Public Works • Planning Department • Parks and Recreation • Planning Commission • Board of Supervisors • Development Services 	<ul style="list-style-type: none"> • Existing staff • Application Fees • General Fund • Continuous Implementation

<p>Follow policies included in the adopted Emergency Operation Plan (EOP). The EOP establishes the emergency management organization required to mitigate any significant emergency or disaster. The EOP identifies policies, responsibilities and procedures required to protect the health and safety of our communities as well as public and private property. The EOP also establishes the operations and procedures for Initial Response Operations (Field Response), to emergencies, the Extended Response Operations (County Emergency Operations Center) activities and Recovery Operations. New development shall not conflict with policies included in that document. (HIGH)</p>	<ul style="list-style-type: none"> • Emergency Services • Planning Commission • Board of Supervisors 	<ul style="list-style-type: none"> • Existing staff • Application Fees • General Fund • Continuous Implementation
<p>Review all building permits to ensure compliance with the Uniform Building Code. (HIGH)</p>	<ul style="list-style-type: none"> • Development Services 	<ul style="list-style-type: none"> • Existing staff • Application Fees • General Fund • Continuous Implementation
<p>New public roads in areas subject to significant seismic hazard shall be designed to minimize seismic risk. (MEDIUM)</p>	<ul style="list-style-type: none"> • Public Works • Planning Commission • Board of Supervisors 	<ul style="list-style-type: none"> • Existing staff • Application Fees • General Fund • Continuous Implementation
<p>Additional width shall be required if right-of-way widths greater than those specified in the Circulation Element are necessary to provide added safety in geologically unstable areas. (MEDIUM)</p>	<ul style="list-style-type: none"> • Public Works • Planning Department • Planning Commission • Board of Supervisors 	<ul style="list-style-type: none"> • Existing staff • Application Fees • General Fund • Continuous Implementation
<p>Take advantage of programs that would provide funds to identify and rehabilitate structures that do not currently meet building standard minimums for earthquake resistance. (MEDIUM)</p>	<ul style="list-style-type: none"> • Development Services 	<ul style="list-style-type: none"> • State Funding • Federal Funding • Continuous Implementation

MULTI-JURISDICTIONAL MITIGATION ACTIONS—EARTHQUAKES

See Volumes Two and Three for additional reports from the County’s Multi-Jurisdictional Partners. Each jurisdiction is responsible for pursuing actions and implementing strategies that are relevant to their particular jurisdiction.



**STANISLAUS COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN
MITIGATION STRATEGY/LANDSLIDES**

HAZARD MITIGATION GOALS—LANDSLIDES

- Minimize future loss of life and reduce property damage as a result of landslides.
- Reduce economic impact of landslides.

IDENTIFICATION AND ANALYSIS OF MITIGATION ACTIONS—LANDSLIDES

PRIORITY ACTIONS		
HAZARD	ACTION	PRIORITY
Landslide	Development west of Highway 5 in areas susceptible to landslides shall be permitted only when a geological report is present with (a) documented evidence that no such potential exists on the site, or (b) identifying the extent of the problem and the mitigation measures necessary to correct the identified problem.	HIGH
Landslide	All new development shall be designed to reduce safety and health hazards.	HIGH
Landslide	Discourage development on lands that are subject to landslides.	HIGH
Landslide	New development near river bluffs shall be designed to reduce safety and health hazards.	HIGH

IMPLEMENTATION OF MITIGATION ACTIONS—LANDSLIDES

IMPLEMENTATION STRATEGY		
Action/Priority	Responsible Agency	Funding Source Timeframe and Deadline
Development west of Highway 5 shall include a geological report unless the Chief Building Official and Planning Director are satisfied that no need for the study is present. (HIGH)	<ul style="list-style-type: none"> • Planning Department • Development Services 	<ul style="list-style-type: none"> • Existing staff • Application Fees • Continuous Implementation
The County shall utilize the California Environmental Quality Act (CEQA) process to ensure that development does not occur that would be especially susceptible to landslides. Most discretionary projects require review for compliance with CEQA. As part of this review, potential impacts must be identified and mitigated or a statement of overriding concerns adopted. (HIGH)	<ul style="list-style-type: none"> • Planning Department • Planning Commission • Board of Supervisors 	<ul style="list-style-type: none"> • Existing staff • Application Fees • General Fund • State Funds • Federal Funds • Continuous Implementation
The routes of new public roads in areas subject to landslides shall be designed to minimize landslide risks. (HIGH)	<ul style="list-style-type: none"> • Public Works • Planning Commission • Board of Supervisors 	<ul style="list-style-type: none"> • Existing staff • Application Fees • General Fund • State Funds • Federal Funds • Continuous Implementation
Development proposals in an area identified as having unstable soils and subject to landslides such as areas in the foothills and river bluffs shall include measures for mitigating possible hazards. (HIGH)	<ul style="list-style-type: none"> • Development Services • Planning Department • Planning Commission • Board of Supervisors 	<ul style="list-style-type: none"> • Existing staff • Application Fees • General Fund • State Funds • Federal Funds • Continuous Implementation
All building permits shall be reviewed to ensure compliance with the Uniform Building Code and Subdivision Ordinance in areas of unstable soils. (HIGH)	<ul style="list-style-type: none"> • Development Services 	<ul style="list-style-type: none"> • Existing staff • Application Fees • Continuous Implementation

<p>Follow policies included in the adopted Emergency Operation Plan (EOP). The EOP establishes the emergency management organization required to mitigate any significant emergency or disaster. The EOP identifies policies, responsibilities and procedures required to protect the health and safety of our communities as well as public and private property. The EOP also establishes the operations and procedures for Initial Response Operations (Field Response), to emergencies, the Extended Response Operations (County Emergency Operations Center) activities and Recovery Operations. New development shall not conflict with policies included in that document. (HIGH)</p>	<ul style="list-style-type: none"> • Emergency Services • Public Works • Planning Department • Planning Commission • Board of Supervisors 	<ul style="list-style-type: none"> • Existing staff • Application Fees • Continuous Implementation
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MULTI-JURISDICTIONAL MITIGATION ACTIONS—LANDSLIDES

See Volumes Two and Three for additional reports from the County’s Multi-Jurisdictional Partners. Each jurisdiction is responsible for pursuing actions and implementing strategies that are relevant to their particular jurisdiction.



**STANISLAUS COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN
MITIGATION STRATEGY/DAM INUNDATION**

HAZARD MITIGATION GOALS—DAM INUNDATION

- Minimize future loss of life and reduce property damage as a result of dam inundation.
- Reduce the economic impact of flooding due to dam inundation.

IDENTIFICATION/ANALYSIS OF MITIGATION ACTIONS—DAM INUNDATION

PRIORITY ACTIONS		
HAZARD	ACTION	PRIORITY
Dam Inundation	All new development shall be designed to reduce safety and health hazards.	HIGH

IMPLEMENTATION OF MITIGATION ACTIONS—DAM INUNDATION

IMPLEMENTATION STRATEGY		
Action/Priority	Responsible Agency	Funding Source Timeframe and Deadline
<p>The County Office of Emergency Services will continue to work with other jurisdictions to develop evacuation routes to be used in case of dam failure. Evacuation routes will serve all of the jurisdictions in the County. (HIGH)</p>	<ul style="list-style-type: none"> • Emergency Services • Pubic Works • Cal Trans • Adjacent Counties • Cities in County 	<ul style="list-style-type: none"> • Existing staff • State Funds • Federal Funds • Continuous Implementation
<p>Follow policies included in the adopted Emergency Operation Plan (EOP). The EOP establishes the emergency management organization required to mitigate any significant emergency or disaster; identifies policies, responsibilities and procedures required to protect the health and safety of our communities as well as public and private property. The EOP also establishes the operations and procedures for Initial Response Operations (Field Response), to emergencies, the Extended Response Operations (County Emergency Operations Center) activities and Recovery Operations. New development shall not conflict with policies included in that document. (HIGH)</p>	<ul style="list-style-type: none"> • Emergency Services • Planning Commission • Board of Supervisors 	<ul style="list-style-type: none"> • Existing staff • State Funds • Federal Funds • Continuous Implementation

MULTI-JURISDICTIONAL MITIGATION ACTIONS— DAM INUNDATION

See Volumes Two and Three for additional reports from the County’s Multi-Jurisdictional Partners. Each jurisdiction is responsible for pursuing actions and implementing strategies that are relevant to their particular jurisdiction.



**STANISLAUS COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN
MITIGATION STRATEGY/FLOOD**

HAZARD MITIGATION GOALS—FLOOD

- Minimize future loss of life and reduce property damage as a result of floods.
- Reduce the economic impact of floods.

IDENTIFICATION AND ANALYSIS OF MITIGATION ACTIONS—FLOOD

PRIORITY ACTIONS		
HAZARD	ACTION	PRIORITY
Flood	Provide ordinances to ensure that flood insurance can be made available to qualified property owners through State and Federal programs.	HIGH
Flood	Support the Federal Emergency Management Agency (FEMA) Flood Insurance Program so that residents who qualify may purchase such protection. If Stanislaus County adopts a flood hazard reduction ordinance that meets FEMA standards, property owners whose property is located within certain areas identified by FEMA as flood hazard areas may purchase insurance against flood damage. Chapter 16.40 of the Stanislaus County Code meets the FEMA standards.	HIGH
Flood	Development should not be allowed in areas that are within the designated floodway.	HIGH
Flood	New development shall be designed to reduce safety and health hazards.	HIGH
Flood	Discourage development in areas susceptible to floods.	HIGH
Flood	Support the formation of improvement districts, including flood control districts to eliminate safety hazards.	MEDIUM

IMPLEMENTATION OF MITIGATION ACTIONS—FLOOD

IMPLEMENTATION STRATEGY		
Action/Priority	Responsible Agency	Funding Source Timeframe and Deadline
Development within the 100-year flood boundary shall meet the requirements of Chapter 16.40 Flood Damage Protection Ordinance of the County Code and within the designated floodway shall obtain Reclamation Board approval. (HIGH)	<ul style="list-style-type: none"> • Development Services • Public Works • Planning Department • Planning Commission • Board of Supervisors 	<ul style="list-style-type: none"> • Existing staff • Application Fees • Continuous Implementation
The Public Works Department will provide information to landowners in areas subject to flooding to help them form a flood control district in Stanislaus County. (HIGH)	<ul style="list-style-type: none"> • Public Works • Local Agency Formation Commission—LAFCO 	<ul style="list-style-type: none"> • Existing staff • State Funds • Federal Funds • Continuous Implementation
The County shall utilize the California Environmental Quality Act (CEQA) process to ensure that development does not occur in areas that would be especially susceptible to flooding. As part of this review, potential impacts must be identified and mitigated. (HIGH)	<ul style="list-style-type: none"> • Planning Department • Public Works • Planning Commission • Board of Supervisors 	<ul style="list-style-type: none"> • Existing staff • Application Fees • Continuous Implementation
The County Office of Emergency Services will continue to work with other jurisdictions to develop evacuation routes to be used in case of a flood disaster. Evacuation routes will serve all of the jurisdictions in the County. (HIGH)	<ul style="list-style-type: none"> • Emergency Services • Public works • Cal Trans • Adjacent Counties • Adjacent Cities 	<ul style="list-style-type: none"> • Existing staff • State Funds • Federal Funds • Continuous Implementation
Follow policies included in the adopted Emergency Operation Plan (EOP). The EOP establishes the emergency management organization required to mitigate any significant emergency or disaster; identifies policies, responsibilities and procedures required to protect the health and safety of our communities as well as public and private property. The EOP also establishes the	<ul style="list-style-type: none"> • Emergency Services • Planning Department • Public Works • Planning Commission • Board of Supervisors 	<ul style="list-style-type: none"> • Existing staff • Application Fees • Continuous Implementation

<p>operations and procedures for Initial Response Operations (Field Response), to emergencies, the Extended Response Operations (County Emergency Operations Center) activities and Recovery Operations. New development shall not conflict with policies included in that document. (HIGH)</p>		
<p>Development, except that which is consistent with the County General Plan at the time the Patterson Agreement is executed, in the area known as the Sperry Avenue Corridor, shall be required to participate in the solution of the Salado Creek flooding problem. (MEDIUM)</p>	<ul style="list-style-type: none"> • Planning Department • Planning Commission • Board of Supervisors • City of Patterson • Public Works 	<ul style="list-style-type: none"> • Existing staff • Application Fees • State of California • Continuous Implementation

MULTI-JURISDICTIONAL MITIGATION ACTIONS— FLOOD

See Volumes Two and Three for additional reports from the County’s Multi-Jurisdictional Partners. Each jurisdiction is responsible for pursuing actions and implementing strategies that are relevant to their particular jurisdiction.



**STANISLAUS COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN
MITIGATION STRATEGY/WILDFIRE**

HAZARD MITIGATION GOALS—WILDFIRE

- Minimize the effects of hazardous conditions that might cause loss of life and property.
- Reduce the economic impact of wildfires.

IDENTIFICATION AND ANALYSIS OF MITIGATION ACTIONS—WILDFIRE

PRIORITY ACTIONS		
HAZARD	ACTION	PRIORITY
Wildfire	All new development shall be designed to reduce safety and health hazards.	HIGH
Wildfire	Adequate fire protection shall be provided.	HIGH
Wildfire	Roads shall be maintained for the safety of travelers for wildfire.	HIGH
Wildfire	Future growth shall not exceed the capacity to provide services such as water and public safety.	HIGH
Wildfire	Discourage development in areas susceptible to wildfire.	HIGH
Wildfire	The County will continue to enforce State-mandated structural Health and Safety Codes, including but not limited to the Uniform Building Code, the Uniform Housing Code, the Uniform Fire Code, the Uniform Plumbing Code, the National Electric Code, and Title 24.	HIGH
Wildfire	The County shall support the formation of improvement districts to eliminate safety hazards for wildfire.	MEDIUM

IMPLEMENTATION OF MITIGATION ACTIONS—WILDFIRE

IMPLEMENTATION STRATEGY		
Action/Priority	Responsible Agency	Funding Source Timeframe and Deadline
All building permits shall be reviewed to ensure compliance with the Uniform Building Code. (HIGH)	<ul style="list-style-type: none"> • Development Services 	<ul style="list-style-type: none"> • Existing staff • Application Fees • Continuous Implementation
The Uniform Fire Code shall be followed in inspections and maintenance of structures regulated under that code. (HIGH)	<ul style="list-style-type: none"> • Fire Safety • Development Services 	<ul style="list-style-type: none"> • Existing staff • Application Fees • Continuous Implementation
Implement the funding strategies identified in the Land Use Element of the General Plan. (HIGH)	<ul style="list-style-type: none"> • Planning Department • CEO • Planning Commission • Board of Supervisors 	<ul style="list-style-type: none"> • Existing staff • Application Fees • State Funds • Federal Funds • Continuous Implementation
All discretionary projects in the County shall be referred to the Fire Safety Department and to the appropriate Fire District for comment. The comments of these agencies will be used to condition or recommend modifications of the project as it related to fire safety and rescue issues. (HIGH)	<ul style="list-style-type: none"> • Fire Warden • Planning Department • Planning Commission • Board of Supervisors 	<ul style="list-style-type: none"> • Existing staff • Application Fees • Continuous Implementation
The County Fire Safety Department shall work with the California Department of Forestry and Fire Protection and with local fire districts to minimize the danger from wildfire. (HIGH)	<ul style="list-style-type: none"> • Fire Districts • Fire Warden 	<ul style="list-style-type: none"> • Existing staff • Application Fees • State Funds • Federal Funds • Continuous Implementation
The County will work with the Fire Safety Department, the State Department of Forestry and Fire Protection and local fire districts to ensure that adequate fire suppression measures are provided in areas without access to a public water system. (HIGH)	<ul style="list-style-type: none"> • Fire Warden • State of California • Planning Department • Public Works 	<ul style="list-style-type: none"> • Existing staff • State Funds • Federal Fund • Continuous Implementation

<p>New development, other than agricultural, shall have adequate water to meet the established fire flow standards. (HIGH)</p>	<ul style="list-style-type: none"> • Fire Warden • Planning Department • Planning Commission • Board of Supervisors 	<ul style="list-style-type: none"> • Applicant/Private Funds • Continuous Implementation
<p>All building permits and discretionary projects within the State Responsibility Areas, as identified by the California Department of Forestry and Fire Protection, shall meet the minimum development standards. New development shall conform to the standards in the County specifications and Improvement Standards for maintenance and improvement of roads. (HIGH)</p>	<ul style="list-style-type: none"> • Development Services • Fire Warden • Planning Department • Planning Commission • Board of Supervisors 	<ul style="list-style-type: none"> • Applicant/Private Funds • Continuous Implementation
<p>Fire Districts should be encouraged to request that the Board of Supervisors impose development fees to help support their services. Such requests shall be accompanied by supporting documentation. (MEDIUM)</p>	<ul style="list-style-type: none"> • Fire Districts 	<ul style="list-style-type: none"> • District Funds • Continuous Implementation

MULTI-JURISDICTIONAL MITIGATION ACTIONS— WILDFIRE

See Volumes Two and Three for additional reports from the County’s Multi-Jurisdictional Partners. Each jurisdiction is responsible for pursuing actions and implementing strategies that are relevant to their particular jurisdiction.



**STANISLAUS COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN
PLAN MAINTENANCE PROCESS**

MAINTENANCE PROCESS

The County’s Multi-Jurisdictional Hazard Mitigation Plan is a living document that will require adjustments to maintain its relevance. The Project Manager and Capital Projects will monitor, evaluate and update the plan to reflect ongoing efforts to improve hazard mitigation activities. The Project Manager will meet annually with the Planning Director to incorporate any appropriate changes or amendments in the General Plan into the maintenance review of the MJHMP.

The Geographical Information System used for the MJHMP will provide continuous updating of live information such as the Assessor valuation and land use data as properties are re-assessed and permits are pulled. This allows the MJHMP to be a current planning tool for both the development process and emergency management operations. The County property and facilities inventory used in the Risk Assessment will be reviewed annually by the Chief Executive Office. Any revisions deemed necessary will be added to the MJHMP and a copy of the written report will be provided to the State Office of Emergency Services (OES) and the Federal Emergency Management Agency (FEMA).

The County’s Mitigation Plan will be updated every five years as required by the Disaster Mitigation Act of 2000. The State of California is required to update their plan every three years. The County will continue to work with its multi-jurisdictional partners when the plan is updated and we will seek input from the public regarding revisions to the current plan. Any updates to the MJHMP will be shared with our stakeholders during a Public Hearing.

The process to update the plan will be similar to the process used to develop the original plan, as outlined in the table below:

ACTION	WHEN	RESPONSIBILITY
1. Review and Update Hazard Risks	Spring 2010	Director of Emergency Services
2. Update Multi-Jurisdictional Partner List	Spring 2010	Chief Executive Office (CEO)
3. Risk Assessment Inventory	Summer 2010	Chief Executive Office/Capital Projects
4. Review Goals	Summer 2010	All Partner Jurisdictions
5. Review/Update Mitigation Strategies	Fall 2010	All Partner Jurisdictions
6. Publish Updated MJHMP Plan	Winter 2010	CEO & Partner Jurisdictions
Public Review/Comment/Input at Each Step		

It should be noted that the data contained within the inventory of risks is continuously updated in a “live” database linked to the Geographical Information System to provide up-to-date mapping and planning capabilities.

CRITERIA FOR REVISIONS TO THE MJHMP

- New technology;
- New information;
- Shifts in development;
- Areas affected by recent disasters; and/or
- Significant changes in Federal, State or County regulations, codes, ordinances or policies.

ADOPTION AND IMPLEMENTATION OF THE PLAN

On August 10, 2004, the Board of Supervisors authorized the County to develop and submit for review, the first three parts of the Multi-Jurisdictional Hazard Mitigation Plan to the State. The first three parts of the plan were approved by the State Office of Emergency Services on October 19, 2004. Parts Four and Five were forwarded to the State and FEMA for review on March 4, 2005. The Mitigation Plan will be implemented through the mitigation actions and existing planning mechanisms contained herein.

The State Office of Emergency Services approved the County's Multi-Jurisdictional Hazard Mitigation Plan on April 29, 2005 and forwarded it to the Federal Emergency Management Agency for review. The County's plan was approved by FEMA on July 22, 2005, pending formal adoption by the Board of Supervisors. Each participating jurisdiction in turn will have their governing body formally adopt the County of Stanislaus Multi-Jurisdictional Hazard Mitigation Plan, along with their individual plan, as their own Local Hazard Mitigation Plan. The County's plan serves as the umbrella plan with each individual plan considered an annex. The Project Manager will collect all the signed resolutions from the participating jurisdictions and forward them to FEMA for final approval.

PARTICIPATING JURISDICTIONS

For a list of the participating jurisdictions, please refer to the chart beginning on Page 83 of the County's plan.



**STANISLAUS COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN
PARTICIPATING JURISDICTIONS AS OF AUGUST 23, 2005**

JURISDICTION	PARTICIPATED		PARTIAL SUBMISSION	FINAL SUBMISSION	PLAN APPROVED BY STATE OES & FEMA PENDING ADOPTION	PLAN NEEDS ADDITIONAL WORK
	YES	NO				
1. Stanislaus County—Lead Agency	Yes		Yes	Yes	Yes	
2. City of Ceres	Yes		Yes	Yes	Yes	
3. City of Hughson	Yes		Yes	Yes	Yes	
4. City of Modesto	Yes		Yes	Yes		Yes
5. City of Newman	Yes		Yes	Yes	Yes	
6. City of Oakdale		No				
7. City of Patterson	Yes		Yes	Yes	Yes	
8. City of Riverbank	Yes		Yes	Yes	Yes	
9. City of Turlock	Yes		Yes	Yes		Yes
10. City of Waterford		No				
11. Stanislaus County Office of Education	Yes		Yes	Yes	Yes	
12. Ceres Unified School District	Yes		Yes	Yes	Yes	
13. Chatom Union School District	Yes		Yes	Yes		Yes
14. Denair Unified School District		No				

JURISDICTION	PARTICIPATED		PARTIAL SUBMISSION	FINAL SUBMISSION	PLAN APPROVED BY STATE OES & FEMA PENDING ADOPTION	PLAN NEEDS ADDITIONAL WORK
	YES	NO				
15. Empire Union School District	Yes		Yes	Yes	Yes	
16. Grattton School District	Yes		Yes	Yes	Yes	
17. Hart-Ransom School District	Yes		Yes	Yes	Yes	
18. Hickman Charter School District	Yes		Yes	Yes	Yes	
19. Hughson Unified School District	Yes		Yes	Yes	Yes	
20. Keyes Union School District	Yes		Yes	Yes	Yes	
21. Knights Ferry School District	Yes		Yes	Yes	Yes	Yes
22. LaGrange School District	Yes		Yes	Yes	Yes	Yes
23. Modesto City Schools	Yes		Yes	Yes	Yes	
24. Newman-Crows Landing Unified School	Yes		Yes	Yes	Yes	Yes
25. Oakdale Joint Unified School District	Yes		Yes	Yes	Yes	
26. Paradise School District	Yes		Yes	Yes	Yes	
27. Patterson Joint Unified School District		No				
28. Riverbank Unified School District	Yes		Yes	Yes	Yes	
29. Roberts Ferry Union School District	Yes		Yes	Yes	Yes	Yes
30. Salida Union School District	Yes		Yes	Yes	Yes	

JURISDICTION	PARTICIPATED		PARTIAL SUBMISSION	FINAL SUBMISSION	PLAN APPROVED BY STATE OES & FEMA PENDING ADOPTION	PLAN NEEDS ADDITIONAL WORK
	YES	NO				
31. Shiloh School District	Yes		Yes	Yes		Yes
32. Stanislaus Union School District	Yes		Yes	Yes	Yes	
33. Sylvan Union School District	Yes		Yes	Yes	Yes	
34. Turlock Joint School District	Yes		Yes	Yes	Yes	
35. Valley Home Joint School District	Yes		Yes	Yes	Yes	
36. Waterford Unified School District	Yes		Yes	Yes	Yes	
37. Yosemite Community College & MJC	Yes		Yes	Yes	Yes	
38. Crows Landing Community Services District		No				
39. Denair Community Services District		No				
40. Grayson Community Services District		No				
41. Keyes community Services District		No				
42. Knights Ferry Community Services District		No				
43. Monterey Park Track Community Services		No				
44. Riverdale Park Community Services District		No				
45. Westley Community Services District		No				
46. Burbank-Paradise Fire Protection District		No				

JURISDICTION	PARTICIPATED		PARTIAL SUBMISSION	FINAL SUBMISSION	PLAN APPROVED BY STATE OES & FEMA PENDING ADOPTION	PLAN NEEDS ADDITIONAL WORK
	YES	NO				
47. Ceres Fire Protection District		No				
48. Hughson Fire Protection District		No				
49. Industrial Fire Protection District—Included in the City of Modesto LHMP	Yes		Yes	Yes		Yes
50. Salida Fire Protection District		No				
51. Westport Fire Protection District		No				
52. Turlock Rural Fire Protection District		No				
53. West Stanislaus Fire Protection District	Yes		Yes	Yes	Yes	
54. Oakdale Rural Fire Protection District		No				
55. Mountain View Volunteer Fire Protection		No				
56. Denair Fire Protection District		No				
57. Keyes Fire Protection District		No				
58. Stanislaus Consolidated Fire Protection District		No				
59. Woodland Ave. Volunteer Fire Protection Dist.		No				
60. Ceres Fire Services		No				
61. Modesto Fire Services—Included in the City of Modesto LHMP	Yes		Yes	Yes		Yes

JURISDICTION	PARTICIPATED		PARTIAL SUBMISSION	FINAL SUBMISSION	PLAN APPROVED BY STATE OES & FEMA PENDING ADOPTION	PLAN NEEDS ADDITIONAL WORK
	YES	NO				
62. Oakdale Fire Services		No				
63. Turlock Fire Services—Included in the City of Turlock LHMP	Yes		Yes	Yes		Yes
64. Hughson Police Services—Included in the City of Hughson LHMP	Yes		Yes	Yes	Yes	
65. Modesto Police Services—Included in the City of Modesto LHMP	Yes		Yes	Yes		Yes
66. Newman Police Services—Included in the City of Newman LHMP	Yes		Yes	Yes		Yes
67. Turlock Police Services—Included in the City of Turlock LHMP	Yes		Yes	Yes		Yes
68. Patterson Police Services—Included in the City of Patterson LHMP	Yes		Yes	Yes	Yes	
69. Riverbank Police Services—Included in the City of Riverbank LHMP	Yes		Yes	Yes	Yes	
70. Waterford Police Services		No				
71. Del Puerto Health Care District	Yes		Yes	Yes	Yes	
72. Oak Valley Hospital District		No				
73. West Side Community Health Care District		No				
74. Central California Irrigation District		No				

JURISDICTION	PARTICIPATED		PARTIAL SUBMISSION	FINAL SUBMISSION	PLAN APPROVED BY STATE OES & FEMA PENDING ADOPTION	PLAN NEEDS ADDITIONAL WORK
	YES	NO				
75. Modesto Irrigation District		No				
76. Oakdale Irrigation District		No				
77. Patterson Irrigation District		No				
78. Turlock Irrigation District	Yes		Yes	Yes		Yes
79. West Stanislaus Irrigation District		No				
80. Denair Municipal Advisory Council		No				
81. Empire Municipal Advisory Council		No				
82. Hickman Municipal Advisory Council		No				
83. Keyes Municipal Advisory Council		No				
84. Knights Ferry Municipal Advisory Council		No				
85. Salida Municipal Advisory Council		No				
86. Empire Sanitary District		No				
87. Salida Sanitary District		No				
88. Hills Ferry Cemetery District		No				
89. Knights Ferry Cemetery District		No				
90. Patterson Cemetery District		No				

JURISDICTION	PARTICIPATED		PARTIAL SUBMISSION	FINAL SUBMISSION	PLAN APPROVED BY STATE OES & FEMA PENDING ADOPTION	PLAN NEEDS ADDITIONAL WORK
	YES	NO				
91. Storm Drain District Number 8		No				
92. Newman Drainage District		No				
93. Orestimba Creek Flood Control District		No				
94. Sand Creek Flood Control District		No				
95. East Side Mosquito Abatement District		No				
96. Turlock Mosquito Abatement District		No				
97. Reclamation District #2063 Carpenter		No				
98. Reclamation District #2091 Chase		No				
99. East Stanislaus Resource Conservation		No				
100. West Stanislaus Resource Conservation		No				
101. El Solyo Water District	Yes		Yes	No		Yes
102. Oak Flat Water District	Yes		Yes	No		Yes
103. Eastside Water District		No				
104. Rock Creek Water District	Yes		Yes	Yes	Yes	
105. Western Hills Water District		No				
106. New Del Puerto Water District	Yes		Yes	No		Yes

JURISDICTION	PARTICIPATED		PARTIAL SUBMISSION	FINAL SUBMISSION	PLAN APPROVED BY STATE OES & FEMA PENDING ADOPTION	PLAN NEEDS ADDITIONAL WORK
	YES	NO				
107. Eastin Water District		No				

As of August 23, 2005:

- 49 jurisdictions participated along with the County in our Multi-Jurisdictional Hazard Mitigation Plan.
- 31 LHMP plans were approved by the State Office of Emergency Services and the Federal Emergency Management Agency pending formal adoption by our governing bodies.
- 18 participating jurisdiction's plans need additional work. Those jurisdictions will be working on addressing the required and recommended revisions made by FEMA in their respective crosswalks.
- 58 other jurisdictions were invited to participate but declined due to the enormity of the project. One of the 58 jurisdictions hired a private consultant and turned in a separate plan not associated or included in the County's Multi-Jurisdictional Hazard Mitigation Plan.



Stanislaus County
Multi-Jurisdictional Hazard Mitigation Plan

Appendices

Index of Appendix Tables

The tables of risks are arranged in the Appendix by hazard, as listed below. Within each section (for each hazard), tables are provided to identify the population, housing or property at risk in the following order:

1. Population and Housing
2. Parcel Values (for privately-owned properties)
3. County Properties (buildings and building sites)
 - a. Existing County-Occupied Properties
 - b. Future County Properties
4. Infrastructure: Bridges
5. Drainage Districts
6. Lighting
7. Traffic Signals

The total population, valuation and inventories of housing, County properties and infrastructure are listed in the baseline data provided in Appendix K.

The appendices are provided in the following order:

Earthquake Hazard	Appendix A
Flood Hazard	Appendix B
Inundation: Don Pedro Reservoir	Appendix C
Inundation: Exchequer Reservoir	Appendix D
Inundation: New Melones Reservoir	Appendix E
Inundation: Pine Flat Reservoir	Appendix F
Inundation: San Luis Reservoir	Appendix G
Inundation: Tulloch Reservoir	Appendix H
Landslide Hazard	Appendix I
Wildfire Hazard	Appendix J
Baseline Data	Appendix K



Stanislaus County
Multi-Jurisdictional Hazard Mitigation Plan

Appendix A
Earthquake Hazard

Population and Housing
Parcel Valuation
County Facilities (Existing and New)
Infrastructure: Bridges
Drainage Districts
Lighting
Traffic Signals

Stanislaus County Local Hazard Mitigation Plan

Population and Housing Units by Jurisdiction Hazard: Earthquakes



Peak Ground Accel (G's)	JURISDICTION	Housing Units	Population
PGA = 5			
	COUNTY		
	Total	13	31
	% of County	0.01%	0.01%
<hr/>			
	Total (PGA = 5)	13	31
	% of County (PGA = 5)	0.01%	0.01%

PGA = 15

	COUNTY		
	Total	3,650	10,420
	% of County	2.42%	2.33%
	MODESTO		
	Total	1,359	3,489
	% of County	0.90%	0.78%
	OAKDALE		
	Total	279	765
	% of County	0.19%	0.17%
	RIVERBANK		
	Total	3,811	13,085
	% of County	2.53%	2.93%

Peak Ground Accel (G's)	JURISDICTION	Housing Units	Population
	WATERFORD		
	Total	1,533	5,183
	% of County	1.02%	1.16%
<hr/>			
	Total (PGA = 15)	10,632	32,942
	% of County (PGA = 15)	7.05%	7.37%

PGA = 25

CERES

Total	10,789	34,646
% of County	7.15%	7.75%

COUNTY

Total	26,460	82,870
% of County	17.55%	18.54%

HUGHSON

Total	1,274	4,041
% of County	0.84%	0.90%

MODESTO

Total	65,753	185,223
% of County	43.60%	41.44%

OAKDALE

Total	5,526	14,738
% of County	3.66%	3.30%

RIVERBANK

Total	933	2,801
% of County	0.62%	0.63%

Peak Ground Accel (G's)	JURISDICTION	Housing Units	Population
	TURLOCK		
	Total	19,145	55,946
	% of County	12.70%	12.52%
	WATERFORD		
	Total	547	1,741
	% of County	0.36%	0.39%
	Total (PGA = 25)	130,427	382,006
	% of County (PGA = 25)	86.49%	85.46%

PGA = 35

	COUNTY		
	Total	3,863	12,019
	% of County	2.56%	2.69%
	NEWMAN		
	Total	2,187	7,126
	% of County	1.45%	1.59%
	PATTERSON		
	Total	228	902
	% of County	0.15%	0.20%
	Total (PGA = 35)	6,278	20,047
	% of County (PGA = 35)	4.16%	4.48%

PGA = 45

	COUNTY		
	Total	421	1,262
	% of County	0.28%	0.28%

Peak Ground Accel (G's)	JURISDICTION	Housing Units	Population
	PATTERSON		
	Total	3,036	10,709
	% of County	2.01%	2.40%
	Total (PGA = 45)	3,457	11,971
	% of County (PGA = 45)	2.29%	2.68%
Grand Total		150,807	446,997
% of County		100.00%	100.00%



Stanislaus County Local Hazard Mitigation Plan Total Property Value by Jurisdiction Hazard: Earthquake

(PGA = 5)		JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
PGA = 5										
COUNTY										
Commercial										
	Parcels: 8			\$277,519	\$13,875	\$0	\$443,999	\$59,598	\$21,858	\$816,849
	0.01%			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Non-Assessible, Factored or										
	Parcels: 39			\$98,855	\$0	\$0	\$40,964	\$0	\$0	\$139,819
	0.03%			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Residential										
	Parcels: 17			\$540,744	\$0	\$0	\$561,259	\$0	\$0	\$1,102,003
	0.01%			0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Rural, Farm, Agricultural										
	Parcels: 99			\$7,609,361	\$0	\$0	\$1,368,979	\$274,253	\$24,419	\$9,277,012
	0.07%			0.09%	0.00%	0.00%	0.01%	0.02%	0.00%	0.03%
Vacant Residential Land										
	Parcels: 8			\$74,376	\$0	\$0	\$6,191	\$0	\$3,247	\$83,814
	0.01%			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

(PGA = 5)	JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Total for COUNTY									
	Parcels: 171		\$8,600,855	\$13,875	\$0	\$2,421,392	\$333,851	\$49,524	\$11,419,497
		0.12%	0.11%	0.00%	0.00%	0.01%	0.03%	0.00%	0.04%
Total for PGA = 5									
	Parcels: 171		\$8,600,855	\$13,875	\$0	\$2,421,392	\$333,851	\$49,524	\$11,419,497
		0.12%	0.11%	0.00%	0.00%	0.01%	0.03%	0.00%	0.04%
PGA = 15									
COUNTY									
Commercial									
	Parcels: 34		\$5,778,333	\$450,387	\$0	\$8,855,239	\$777,420	\$2,079,353	\$17,940,732
		0.02%	0.07%	0.03%	0.00%	0.05%	0.06%	0.21%	0.06%
Industrial									
	Parcels: 17		\$2,002,533	\$203,477	\$0	\$5,500,556	\$1,793,914	\$147,406	\$9,647,886
		0.01%	0.02%	0.01%	0.00%	0.03%	0.14%	0.01%	0.03%
Non-Assessible, Factored or									
	Parcels: 195		\$1,717,156	\$843,302	\$0	\$1,267,281	\$3,173,001	\$253,710	\$7,254,450
		0.14%	0.02%	0.06%	0.00%	0.01%	0.26%	0.03%	0.03%
Residential									
	Parcels: 642		\$48,823,607	\$0	\$0	\$111,477,522	\$1,148,286	\$128,489	\$161,577,904
		0.45%	0.60%	0.00%	0.00%	0.66%	0.09%	0.01%	0.56%
Residential Income									

(PGA = 15)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Parcels: 17 0.01%	\$1,957,351 0.02%	\$0 0.00%	\$0 0.00%	\$1,411,267 0.01%	\$24,074 0.00%	\$28,200 0.00%	\$3,420,892 0.01%
Rural, Farm, Agricultural								
	Parcels: 4087 2.85%	\$460,526,771 5.64%	\$39,821,305 2.68%	\$38,826,067 24.31%	\$466,828,986 2.76%	\$34,033,212 2.75%	\$13,010,991 1.30%	\$1,053,047,332 3.64%
Vacant Commercial/Industrial								
	Parcels: 8 0.01%	\$581,865 0.01%	\$0 0.00%	\$0 0.00%	\$36,500 0.00%	\$0 0.00%	\$0 0.00%	\$618,365 0.00%
Vacant Residential Land								
	Parcels: 33 0.02%	\$2,010,517 0.02%	\$0 0.00%	\$0 0.00%	\$96,459 0.00%	\$0 0.00%	\$54,121 0.01%	\$2,161,097 0.01%
Total for COUNTY								
	Parcels: 5033 3.50%	\$523,398,133 6.41%	\$41,318,471 2.78%	\$38,826,067 24.31%	\$595,473,810 3.52%	\$40,949,907 3.30%	\$15,702,270 1.56%	\$1,255,668,658 4.34%

MODESTO

Commercial

Parcels: 9 0.01%	\$5,464,334 0.07%	\$249,849 0.02%	\$0 0.00%	\$8,137,646 0.05%	\$656,283 0.05%	\$10,422,970 1.04%	\$24,931,082 0.09%
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Industrial

Parcels: 5 0.00%	\$1,904,745 0.02%	\$1,012,221 0.07%	\$0 0.00%	\$1,647,819 0.01%	\$358,389 0.03%	\$0 0.00%	\$4,923,174 0.02%
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Non-Assessible, Factored or

(PGA = 15)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Parcels: 77 0.05%	\$4,359 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$72,541 0.01%	\$0 0.00%	\$76,900 0.00%
Residential								
	Parcels: 2118 1.47%	\$107,073,499 1.31%	\$21,720 0.00%	\$878 0.00%	\$293,451,365 1.74%	\$745,341 0.06%	\$54,200 0.01%	\$401,347,003 1.39%
Residential Income								
	Parcels: 36 0.03%	\$4,011,216 0.05%	\$27,790 0.00%	\$0 0.00%	\$9,433,467 0.06%	\$43,616 0.00%	\$48,100 0.00%	\$13,564,189 0.05%
Rural, Farm, Agricultural								
	Parcels: 14 0.01%	\$1,949,203 0.02%	\$54,482 0.00%	\$0 0.00%	\$986,327 0.01%	\$149,409 0.01%	\$4,358 0.00%	\$3,143,779 0.01%
Vacant Commerical/Industrial								
	Parcels: 2 0.00%	\$608,362 0.01%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$608,362 0.00%
Vacant Residential Land								
	Parcels: 415 0.29%	\$14,030,425 0.17%	\$0 0.00%	\$0 0.00%	\$2,225,510 0.01%	\$3,575 0.00%	\$12,501 0.00%	\$16,272,011 0.06%
Total for MODESTO								
	Parcels: 2676 1.86%	\$135,046,143 1.65%	\$1,366,062 0.09%	\$878 0.00%	\$315,882,134 1.87%	\$2,029,154 0.16%	\$10,542,129 1.05%	\$464,866,500 1.61%
OAKDALE								
Commercial								

(PGA = 15)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Parcels: 8 0.01%	\$850,466 0.01%	\$152,863 0.01%	\$0 0.00%	\$1,819,511 0.01%	\$460,981 0.04%	\$0 0.00%	\$3,283,821 0.01%
Industrial								
	Parcels: 95 0.07%	\$11,788,503 0.14%	\$53,985,294 3.64%	\$0 0.00%	\$40,419,215 0.24%	\$19,753,202 1.59%	\$34,412 0.00%	\$125,980,626 0.44%
Non-Assessible, Factored or								
	Parcels: 20 0.01%	\$151,018 0.00%	\$71,172 0.00%	\$0 0.00%	\$668,248 0.00%	\$6,456,516 0.52%	\$82,000 0.01%	\$7,428,954 0.03%
Residential								
	Parcels: 234 0.16%	\$10,045,326 0.12%	\$0 0.00%	\$0 0.00%	\$25,403,812 0.15%	\$109,685 0.01%	\$0 0.00%	\$35,558,823 0.12%
Residential Income								
	Parcels: 1 0.00%	\$105,621 0.00%	\$0 0.00%	\$0 0.00%	\$82,760 0.00%	\$0 0.00%	\$0 0.00%	\$188,381 0.00%
Rural, Farm, Agricultural								
	Parcels: 5 0.00%	\$485,603 0.01%	\$0 0.00%	\$0 0.00%	\$268,162 0.00%	\$0 0.00%	\$22,242 0.00%	\$776,007 0.00%
Vacant Commerical/Industrial								
	Parcels: 52 0.04%	\$5,699,545 0.07%	\$42,307 0.00%	\$0 0.00%	\$162,874 0.00%	\$11,450 0.00%	\$0 0.00%	\$5,916,176 0.02%
Vacant Residential Land								
	Parcels: 3 0.00%	\$66,725 0.00%	\$0 0.00%	\$0 0.00%	\$93,088 0.00%	\$0 0.00%	\$0 0.00%	\$159,813 0.00%

(PGA = 15)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Total for OAKDALE								
	Parcels: 418	\$29,192,807	\$54,251,636	\$0	\$68,917,670	\$26,791,834	\$138,654	\$179,292,601
	0.29%	0.36%	3.65%	0.00%	0.41%	2.16%	0.01%	0.62%
RIVERBANK								
Commercial								
	Parcels: 130	\$13,210,089	\$2,395,246	\$0	\$27,053,918	\$2,922,978	\$6,465,057	\$52,047,288
	0.09%	0.16%	0.16%	0.00%	0.16%	0.24%	0.64%	0.18%
Industrial								
	Parcels: 46	\$8,031,291	\$26,253,303	\$0	\$23,731,972	\$10,104,228	\$32,116	\$68,152,910
	0.03%	0.10%	1.77%	0.00%	0.14%	0.82%	0.00%	0.24%
Non-Assessible, Factored or								
	Parcels: 56	\$64,964	\$80,189	\$0	\$25,500	\$4,200,111	\$0	\$4,370,764
	0.04%	0.00%	0.01%	0.00%	0.00%	0.34%	0.00%	0.02%
Residential								
	Parcels: 3437	\$130,657,035	\$5,165	\$0	\$316,085,196	\$1,959,942	\$22,889	\$448,730,227
	2.39%	1.60%	0.00%	0.00%	1.87%	0.16%	0.00%	1.55%
Residential Income								
	Parcels: 86	\$3,906,621	\$0	\$0	\$9,485,962	\$16,786	\$0	\$13,409,369
	0.06%	0.05%	0.00%	0.00%	0.06%	0.00%	0.00%	0.05%
Rural, Farm, Agricultural								
	Parcels: 53	\$4,152,973	\$0	\$114,874	\$3,616,247	\$172,164	\$23,470	\$8,079,728
	0.04%	0.05%	0.00%	0.07%	0.02%	0.01%	0.00%	0.03%

(PGA = 15)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Vacant Commercial/Industrial								
	Parcels: 22	\$3,174,830	\$619,705	\$0	\$1,209,232	\$93,866	\$0	\$5,097,633
		0.04%	0.04%	0.00%	0.01%	0.01%	0.00%	0.02%
Vacant Residential Land								
	Parcels: 784	\$14,097,392	\$0	\$0	\$715,520	\$0	\$26,400	\$14,839,312
		0.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.05%
Total for RIVERBANK								
	Parcels: 4614	\$177,295,195	\$29,353,608	\$114,874	\$381,923,547	\$19,470,075	\$6,569,932	\$614,727,231
		3.21%	1.98%	0.07%	2.26%	1.57%	0.65%	2.12%
WATERFORD								
Commercial								
	Parcels: 97	\$5,329,822	\$664,525	\$0	\$11,490,007	\$684,632	\$180,299	\$18,349,285
		0.07%	0.04%	0.00%	0.07%	0.06%	0.02%	0.06%
Industrial								
	Parcels: 16	\$1,422,751	\$611,818	\$0	\$1,867,243	\$1,574,222	\$2,081	\$5,478,115
		0.01%	0.04%	0.00%	0.01%	0.13%	0.00%	0.02%
Non-Assessible, Factored or								
	Parcels: 25	\$2,366,809	\$26,397	\$0	\$451,643	\$339,294	\$0	\$3,184,143
		0.02%	0.00%	0.00%	0.00%	0.03%	0.00%	0.01%
Residential								
	Parcels: 1201	\$39,442,195	\$0	\$0	\$87,734,562	\$422,614	\$258,081	\$127,857,452
		0.84%	0.00%	0.00%	0.52%	0.03%	0.03%	0.44%

(PGA = 15)	JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Residential Income								
	Parcels: 89		\$4,755,731	\$0	\$0	\$15,967,193	\$31,048	\$6,221	\$20,760,193
			0.06%	0.00%	0.00%	0.09%	0.00%	0.00%	0.07%
	Vacant Commerical/Industrial								
	Parcels: 20		\$890,307	\$0	\$0	\$16,718	\$0	\$0	\$907,025
			0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Vacant Residential Land								
	Parcels: 65		\$1,932,294	\$0	\$0	\$582,383	\$0	\$0	\$2,514,677
			0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
	Total for WATERFORD								
	Parcels: 1513		\$56,139,909	\$1,302,740	\$0	\$118,109,749	\$3,051,810	\$446,682	\$179,050,890
			0.69%	0.09%	0.00%	0.70%	0.25%	0.04%	0.62%
	Total for PGA = 15								
	Parcels: 14254		\$921,072,187	\$127,592,517	\$38,941,819	\$1,480,306,910	\$92,292,780	\$33,399,667	\$2,693,605,880
			9.92%	8.59%	24.38%	8.76%	7.45%	3.33%	9.30%
	PGA = 25								
	CERES								
	Commercial								
	Parcels: 282		\$51,574,864	\$14,371,891	\$0	\$129,561,373	\$18,362,999	\$9,315,113	\$223,186,240
			0.20%	0.97%	0.00%	0.77%	1.48%	0.93%	0.77%
	Industrial								

(PGA = 25)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Parcels: 123 0.09%	\$17,205,501 0.21%	\$13,114,402 0.88%	\$0 0.00%	\$54,128,105 0.32%	\$11,089,838 0.89%	\$67,900 0.01%	\$95,605,746 0.33%
Non-Assessible, Factored or								
	Parcels: 151 0.11%	\$2,408,805 0.03%	\$738,794 0.05%	\$0 0.00%	\$644,754 0.00%	\$3,871,150 0.31%	\$0 0.00%	\$7,663,503 0.03%
Residential								
	Parcels: 8218 5.72%	\$300,782,035 3.68%	\$24,752 0.00%	\$2,686 0.00%	\$755,165,684 4.47%	\$3,567,144 0.29%	\$0 0.00%	\$1,059,542,301 3.66%
Residential Income								
	Parcels: 285 0.20%	\$21,117,681 0.26%	\$23,946 0.00%	\$119,687 0.07%	\$69,196,108 0.41%	\$461,808 0.04%	\$0 0.00%	\$90,919,230 0.31%
Rural, Farm, Agricultural								
	Parcels: 6 0.00%	\$682,540 0.01%	\$0 0.00%	\$68,344 0.04%	\$178,350 0.00%	\$43,397 0.00%	\$0 0.00%	\$972,631 0.00%
Vacant Commerical/Industrial								
	Parcels: 107 0.07%	\$21,667,992 0.27%	\$3,304 0.00%	\$0 0.00%	\$688,886 0.00%	\$809,860 0.07%	\$0 0.00%	\$23,170,042 0.08%
Vacant Residential Land								
	Parcels: 476 0.33%	\$13,759,515 0.17%	\$0 0.00%	\$0 0.00%	\$1,463,179 0.01%	\$103,730 0.01%	\$0 0.00%	\$15,326,424 0.05%

(PGA = 25)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Total for CERES								
Parcels: 9648		\$429,198,933	\$28,277,089	\$190,717	\$1,011,026,439	\$38,309,926	\$9,383,013	\$1,516,386,117
		5.26%	1.90%	0.12%	5.98%	3.09%	0.94%	5.24%
COUNTY								
Commercial								
Parcels: 774		\$121,222,286	\$16,771,831	\$218,665	\$207,196,266	\$29,620,367	\$14,125,103	\$389,154,518
		1.48%	1.13%	0.14%	1.23%	2.39%	1.41%	1.34%
Industrial								
Parcels: 684		\$157,365,999	\$535,204,821	\$510,191	\$600,546,980	\$231,712,557	\$457,801	\$1,525,798,349
		1.93%	36.04%	0.32%	3.55%	18.69%	0.05%	5.27%
Non-Assessible, Factored or								
Parcels: 516		\$5,457,581	\$4,455,725	\$134,646	\$8,080,111	\$53,768,933	\$129,972	\$72,026,968
		0.36%	0.30%	0.08%	0.05%	4.34%	0.01%	0.25%
Residential								
Parcels: 14853		\$522,031,332	\$623,405	\$13,976	\$1,264,132,760	\$7,507,567	\$1,229,932	\$1,795,538,972
		6.39%	0.04%	0.01%	7.48%	0.61%	0.12%	6.20%
Residential Income								
Parcels: 791		\$48,084,637	\$193,239	\$1,606,493	\$63,285,866	\$1,024,308	\$422,117	\$114,616,660
		0.55%	0.01%	1.01%	0.37%	0.08%	0.04%	0.40%
Rural, Farm, Agricultural								
Parcels: 7603		\$734,334,589	\$27,753,313	\$81,149,658	\$733,682,339	\$89,029,543	\$20,437,731	\$1,686,387,173
		8.99%	1.87%	50.80%	4.34%	7.18%	2.04%	5.82%

(PGA = 25)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Vacant Commercial/Industrial								
	Parcels: 313	\$42,971,986	\$591,383	\$28,284	\$7,235,544	\$630,658	\$16,216	\$51,474,071
		0.53%	0.04%	0.02%	0.04%	0.05%	0.00%	0.18%
Vacant Residential Land								
	Parcels: 532	\$40,789,483	\$0	\$598,597	\$3,601,672	\$25,824	\$0	\$45,015,576
		0.50%	0.00%	0.37%	0.02%	0.00%	0.00%	0.16%
Total for COUNTY								
	Parcels: 26066	\$1,672,257,893	\$585,593,717	\$84,260,510	\$2,887,761,538	\$413,319,757	\$36,818,872	\$5,680,012,287
		20.47%	39.43%	52.75%	17.08%	33.35%	3.67%	19.61%

HUGHSON

Commercial

Parcels: 76	\$4,781,839	\$1,097,989	\$0	\$33,466,237	\$788,368	\$405,342	\$40,539,775
	0.06%	0.07%	0.00%	0.20%	0.06%	0.04%	0.14%

Industrial

Parcels: 12	\$1,542,331	\$2,585,129	\$0	\$4,771,658	\$954,902	\$0	\$9,854,020
	0.02%	0.17%	0.00%	0.03%	0.08%	0.00%	0.03%

Non-Assessible, Factored or

Parcels: 45	\$46,018	\$119,453	\$0	\$0	\$921,804	\$0	\$1,087,275
	0.00%	0.01%	0.00%	0.00%	0.07%	0.00%	0.00%

Residential

Parcels: 1218	\$40,263,111	\$410	\$0	\$105,934,655	\$650,531	\$0	\$146,848,707
	0.49%	0.00%	0.00%	0.63%	0.05%	0.00%	0.51%

(PGA = 25)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Residential Income								
	Parcels: 42	\$1,844,545	\$0	\$0	\$4,055,999	\$23,460	\$30,300	\$5,954,304
	0.03%	0.02%	0.00%	0.00%	0.02%	0.00%	0.00%	0.02%
Rural, Farm, Agricultural								
	Parcels: 11	\$450,442	\$0	\$164,108	\$344,873	\$27,342	\$32,900	\$1,019,665
	0.01%	0.01%	0.00%	0.10%	0.00%	0.00%	0.00%	0.00%
Vacant Commerical/Industrial								
	Parcels: 11	\$452,993	\$0	\$0	\$14,165	\$0	\$0	\$467,158
	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Vacant Residential Land								
	Parcels: 112	\$2,327,832	\$0	\$4,393	\$274,940	\$0	\$0	\$2,607,165
	0.08%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
Total for HUGHSON								
	Parcels: 1527	\$51,709,111	\$3,802,981	\$168,501	\$148,862,527	\$3,366,407	\$468,542	\$208,378,069
	1.06%	0.63%	0.26%	0.11%	0.88%	0.27%	0.05%	0.72%

MODESTO

Commercial

Parcels: 2416	\$876,465,558	\$186,453,830	\$12,411	\$1,887,068,161	\$250,217,208	\$889,999,345	\$4,090,216,513
1.68%	10.73%	12.56%	0.01%	11.16%	20.19%	88.69%	14.12%

Industrial

Parcels: 309	\$68,962,670	\$141,637,299	\$0	\$226,881,857	\$43,697,031	\$0	\$481,178,857
0.22%	0.84%	9.54%	0.00%	1.34%	3.53%	0.00%	1.66%

(PGA = 25)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Non-Assessible, Factored or								
	Parcels: 734	\$25,238,021	\$5,878,468	\$14,542	\$25,277,650	\$113,964,584	\$0	\$170,373,265
		0.31%	0.40%	0.01%	0.15%	9.19%	0.00%	0.59%
Residential								
	Parcels: 48309	\$1,835,857,762	\$137,258	\$42,591	\$4,652,852,981	\$19,415,634	\$1,660,905	\$6,509,967,131
		22.48%	0.01%	0.03%	27.53%	1.57%	0.17%	22.48%
Residential Income								
	Parcels: 2840	\$179,981,526	\$68,230	\$35,693	\$562,313,481	\$2,781,661	\$0	\$745,180,591
		1.98%	0.00%	0.02%	3.33%	0.22%	0.00%	2.57%
Rural, Farm, Agricultural								
	Parcels: 7	\$660,265	\$0	\$0	\$358,595	\$2,790	\$0	\$1,021,650
		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Vacant Commerical/Industrial								
	Parcels: 253	\$49,551,652	\$2,657,297	\$0	\$20,577,136	\$3,036,189	\$0	\$75,822,274
		0.18%	0.18%	0.00%	0.12%	0.24%	0.00%	0.26%
Vacant Residential Land								
	Parcels: 897	\$50,233,702	\$93,657	\$249,070	\$9,695,606	\$141,819	\$0	\$60,413,854
		0.62%	0.01%	0.16%	0.06%	0.01%	0.00%	0.21%
Total for MODESTO								
	Parcels: 55765	\$3,086,951,156	\$336,926,039	\$354,307	\$7,385,025,467	\$433,256,916	\$891,660,250	\$12,134,174,135
		38.83%	22.69%	0.22%	43.69%	34.96%	88.85%	41.90%

(PGA = 25)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
OAKDALE								
Commercial								
	Parcels: 307	\$43,751,899	\$10,342,395	\$0	\$100,147,237	\$9,715,200	\$5,095,326	\$169,052,057
	0.21%	0.54%	0.70%	0.00%	0.59%	0.78%	0.51%	0.58%
Industrial								
	Parcels: 54	\$6,493,633	\$81,427,630	\$0	\$35,540,613	\$18,624,052	\$0	\$142,085,928
	0.04%	0.08%	5.48%	0.00%	0.21%	1.50%	0.00%	0.49%
Non-Assessible, Factored or								
	Parcels: 119	\$1,536,337	\$217,104	\$144,188	\$788,395	\$2,134,037	\$0	\$4,820,061
	0.08%	0.02%	0.01%	0.09%	0.00%	0.17%	0.00%	0.02%
Residential								
	Parcels: 4181	\$160,936,470	\$6,022	\$0	\$384,190,640	\$2,102,269	\$6,985	\$547,242,386
	2.91%	1.97%	0.00%	0.00%	2.27%	0.17%	0.00%	1.89%
Residential Income								
	Parcels: 310	\$17,107,440	\$7,303	\$8,786	\$49,896,334	\$181,657	\$0	\$67,201,520
	0.22%	0.21%	0.00%	0.01%	0.30%	0.01%	0.00%	0.23%
Rural, Farm, Agricultural								
	Parcels: 5	\$215,215	\$0	\$3,417	\$316,376	\$340,546	\$0	\$875,554
	0.00%	0.00%	0.00%	0.00%	0.00%	0.03%	0.00%	0.00%
Vacant Commercial/Industrial								
	Parcels: 45	\$4,164,595	\$0	\$0	\$70,518	\$2,022	\$0	\$4,237,135
	0.03%	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
Vacant Residential Land								

(PGA = 25)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Parcels: 292 0.20%	\$12,529,738	\$0	\$2,277	\$2,214,223	\$0	\$0	\$14,746,238
			0.00%	0.00%	0.01%	0.00%	0.00%	0.05%
Total for OAKDALE								
	Parcels: 5313 3.70%	\$246,735,327	\$92,000,454	\$158,668	\$573,164,336	\$33,099,783	\$5,102,311	\$950,260,879
		3.02%	6.20%	0.10%	3.39%	2.67%	0.51%	3.28%
RIVERBANK								
Commercial								
	Parcels: 99 0.07%	\$4,729,984	\$932,728	\$0	\$10,579,011	\$881,503	\$78,559	\$17,201,785
		0.06%	0.06%	0.00%	0.06%	0.07%	0.01%	0.06%
Industrial								
	Parcels: 1 0.00%	\$62,349	\$0	\$0	\$57,369	\$0	\$0	\$119,718
		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Non-Assessible, Factored or								
	Parcels: 19 0.01%	\$0	\$24,234	\$0	\$0	\$672,099	\$0	\$696,333
		0.00%	0.00%	0.00%	0.00%	0.05%	0.00%	0.00%
Residential								
	Parcels: 665 0.46%	\$26,759,291	\$5,017	\$0	\$70,251,343	\$450,093	\$0	\$97,465,744
		0.33%	0.00%	0.00%	0.42%	0.04%	0.00%	0.34%
Residential Income								
	Parcels: 23 0.02%	\$1,083,061	\$0	\$0	\$2,446,211	\$10,056	\$39,786	\$3,579,114
		0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
Vacant Commerical/Industrial								

(PGA = 25)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Parcels: 9 0.01%	\$344,394 0.00%	\$0 0.00%	\$0 0.00%	\$10,686 0.00%	\$0 0.00%	\$0 0.00%	\$355,080 0.00%
Vacant Residential Land								
	Parcels: 24 0.02%	\$402,591 0.00%	\$0 0.00%	\$0 0.00%	\$227,675 0.00%	\$0 0.00%	\$0 0.00%	\$630,266 0.00%
Total for RIVERBANK		\$33,381,670 0.41%	\$961,979 0.06%	\$0 0.00%	\$83,572,295 0.49%	\$2,013,751 0.16%	\$118,345 0.01%	\$120,048,040 0.41%
TURLOCK								
Commercial								
	Parcels: 820 0.57%	\$140,748,595 1.72%	\$45,758,734 3.08%	\$21,036 0.01%	\$375,522,980 2.22%	\$50,831,378 4.10%	\$10,158,079 1.01%	\$623,040,802 2.15%
Industrial								
	Parcels: 272 0.19%	\$42,412,030 0.52%	\$157,328,687 10.59%	\$8,485 0.01%	\$162,951,385 0.96%	\$55,242,843 4.46%	\$65,000 0.01%	\$418,008,430 1.44%
Non-Assessible, Factored or								
	Parcels: 245 0.17%	\$4,725,718 0.06%	\$853,761 0.06%	\$0 0.00%	\$1,646,755 0.01%	\$9,907,474 0.80%	\$0 0.00%	\$17,133,708 0.06%
Residential								
	Parcels: 13919 9.69%	\$537,610,191 6.58%	\$105,135 0.01%	\$8,650 0.01%	\$1,432,909,873 8.48%	\$5,673,137 0.46%	\$42,239 0.00%	\$1,976,349,225 6.82%
Residential Income								

(PGA = 25)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Parcels: 832 0.58%	\$52,071,755 0.64%	\$2,111 0.00%	\$0 0.00%	\$188,738,769 1.12%	\$937,847 0.08%	\$0 0.00%	\$241,750,482 0.83%
Rural, Farm, Agricultural								
	Parcels: 45 0.03%	\$3,134,027 0.04%	\$0 0.00%	\$256,549 0.16%	\$3,029,353 0.02%	\$284,917 0.02%	\$65,300 0.01%	\$6,770,146 0.02%
Vacant Commerical/Industrial								
	Parcels: 238 0.17%	\$42,918,997 0.53%	\$55,779 0.00%	\$0 0.00%	\$2,038,153 0.01%	\$148,537 0.01%	\$0 0.00%	\$45,161,466 0.16%
Vacant Residential Land								
	Parcels: 685 0.48%	\$27,537,901 0.34%	\$84,303 0.01%	\$0 0.00%	\$3,400,385 0.02%	\$124,008 0.01%	\$0 0.00%	\$31,146,597 0.11%
Total for TURLOCK								
	Parcels: 17056 11.88%	\$851,159,214 10.42%	\$204,188,510 13.75%	\$294,720 0.18%	\$2,170,237,653 12.84%	\$123,150,141 9.94%	\$10,330,618 1.03%	\$3,359,360,856 11.60%

WATERFORD

Commercial

Parcels: 20 0.01%	\$2,529,706 0.03%	\$1,117,295 0.08%	\$0 0.00%	\$6,061,196 0.04%	\$656,023 0.05%	\$0 0.00%	\$10,364,220 0.04%
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Industrial

Parcels: 1 0.00%	\$131,832 0.00%	\$0 0.00%	\$0 0.00%	\$668,416 0.00%	\$0 0.00%	\$0 0.00%	\$800,248 0.00%
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Non-Assessible, Factored or

(PGA = 25)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Parcels: 10 0.01%	\$5,043 0.00%	\$62,707 0.00%	\$0 0.00%	\$223,066 0.00%	\$989,219 0.08%	\$0 0.00%	\$1,280,035 0.00%
Residential								
	Parcels: 509 0.35%	\$17,188,704 0.21%	\$0 0.00%	\$0 0.00%	\$44,887,312 0.27%	\$388,935 0.03%	\$40,800 0.00%	\$62,505,751 0.22%
Residential Income								
	Parcels: 8 0.01%	\$741,231 0.01%	\$0 0.00%	\$0 0.00%	\$2,111,624 0.01%	\$93,300 0.01%	\$0 0.00%	\$2,946,155 0.01%
Rural, Farm, Agricultural								
	Parcels: 6 0.00%	\$413,042 0.01%	\$0 0.00%	\$58,301 0.04%	\$539,977 0.00%	\$3,850 0.00%	\$0 0.00%	\$1,015,170 0.00%
Vacant Commerical/Industrial								
	Parcels: 8 0.01%	\$1,331,304 0.02%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$1,331,304 0.00%
Vacant Residential Land								
	Parcels: 28 0.02%	\$745,467 0.01%	\$0 0.00%	\$0 0.00%	\$261,548 0.00%	\$0 0.00%	\$0 0.00%	\$1,007,015 0.00%
Total for WATERFORD								
	Parcels: 590 0.41%	\$23,086,329 0.28%	\$1,180,002 0.08%	\$58,301 0.04%	\$54,753,139 0.32%	\$2,131,327 0.17%	\$40,800 0.00%	\$81,249,898 0.28%

(PGA = 25)	JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Total for PGA = 25									
	Parcels: 116805		\$6,394,479,633	\$1,252,930,771	\$85,485,724	\$14,314,403,394	\$1,048,648,008	\$953,922,751	\$24,049,870,281
			78.29%	84.37%	53.51%	84.68%	84.60%	95.06%	83.05%

PGA = 35

COUNTY

Commercial

Parcels: 83	\$4,416,246	\$705,413	\$0	\$8,531,935	\$725,234	\$637,812	\$15,016,640
	0.05%	0.05%	0.00%	0.05%	0.06%	0.06%	0.05%

Industrial

Parcels: 35	\$3,574,889	\$8,626,107	\$0	\$11,465,343	\$4,784,393	\$17,000	\$28,467,732
	0.04%	0.58%	0.00%	0.07%	0.39%	0.00%	0.10%

Non-Assessible, Factored or

Parcels: 219	\$10,422,611	\$323,856	\$0	\$1,163,792	\$4,106,016	\$314,771	\$16,331,046
	0.13%	0.02%	0.00%	0.01%	0.33%	0.03%	0.06%

Residential

Parcels: 576	\$16,432,637	\$19,727	\$22,416	\$32,166,782	\$176,907	\$151,695	\$48,970,164
	0.20%	0.00%	0.01%	0.19%	0.01%	0.02%	0.17%

Residential Income

Parcels: 28	\$1,605,077	\$0	\$64,054	\$1,463,390	\$12,969	\$85,984	\$3,231,474
	0.02%	0.00%	0.04%	0.01%	0.00%	0.01%	0.01%

Rural, Farm, Agricultural

(PGA = 35)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Parcels: 3732 2.60%	\$413,439,841 5.06%	\$20,858,106 1.40%	\$24,916,948 15.60%	\$329,616,918 1.95%	\$56,316,588 4.54%	\$12,354,758 1.23%	\$857,503,159 2.96%
Vacant Commerical/Industrial								
	Parcels: 20 0.01%	\$823,127 0.01%	\$0 0.00%	\$0 0.00%	\$7,561 0.00%	\$0 0.00%	\$0 0.00%	\$830,688 0.00%
Vacant Residential Land								
	Parcels: 58 0.04%	\$1,868,730 0.02%	\$0 0.00%	\$0 0.00%	\$181,550 0.00%	\$14,829 0.00%	\$0 0.00%	\$2,065,109 0.01%
Total for COUNTY								
	Parcels: 4751 3.31%	\$452,583,158 5.54%	\$30,533,209 2.06%	\$25,003,418 15.65%	\$384,597,271 2.28%	\$66,136,936 5.34%	\$13,562,020 1.35%	\$972,416,012 3.36%
MODESTO								
Non-Assessible, Factored or								
	Parcels: 6 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%
Total for MODESTO								
	Parcels: 6 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%
NEWMAN								
Commercial								

(PGA = 35)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Parcels: 105 0.07%	\$5,252,784 0.06%	\$2,404,086 0.16%	\$0 0.00%	\$16,336,297 0.10%	\$2,134,438 0.17%	\$12,891 0.00%	\$26,140,496 0.09%
Industrial								
	Parcels: 30 0.02%	\$2,706,907 0.03%	\$20,956,291 1.41%	\$0 0.00%	\$10,449,317 0.06%	\$3,578,666 0.29%	\$0 0.00%	\$37,691,181 0.13%
Non-Assessible, Factored or								
	Parcels: 48 0.03%	\$322,858 0.00%	\$157,300 0.01%	\$0 0.00%	\$0 0.00%	\$936,413 0.08%	\$0 0.00%	\$1,416,571 0.00%
Residential								
	Parcels: 2016 1.40%	\$62,565,448 0.77%	\$0 0.00%	\$2,113 0.00%	\$164,308,515 0.97%	\$430,493 0.03%	\$0 0.00%	\$227,306,569 0.78%
Residential Income								
	Parcels: 53 0.04%	\$2,417,013 0.03%	\$0 0.00%	\$0 0.00%	\$9,099,604 0.05%	\$36,337 0.00%	\$0 0.00%	\$11,552,954 0.04%
Rural, Farm, Agricultural								
	Parcels: 9 0.01%	\$131,342 0.00%	\$448 0.00%	\$1,856 0.00%	\$342,646 0.00%	\$2,263 0.00%	\$0 0.00%	\$478,555 0.00%
Vacant Commerical/Industrial								
	Parcels: 31 0.02%	\$1,603,737 0.02%	\$29,915 0.00%	\$0 0.00%	\$199,108 0.00%	\$7,628 0.00%	\$0 0.00%	\$1,840,388 0.01%
Vacant Residential Land								
	Parcels: 175 0.12%	\$10,348,546 0.13%	\$0 0.00%	\$0 0.00%	\$128,169 0.00%	\$0 0.00%	\$0 0.00%	\$10,476,715 0.04%

(PGA = 35)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Total for NEWMAN								
	Parcels: 2467 1.72%	\$85,348,635 1.04%	\$23,548,040 1.59%	\$3,969 0.00%	\$200,863,656 1.19%	\$7,126,238 0.57%	\$12,891 0.00%	\$316,903,429 1.09%
PATTERSON								
Non-Assessible, Factored or								
	Parcels: 1 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%
Residential								
	Parcels: 240 0.17%	\$9,262,984 0.11%	\$0 0.00%	\$0 0.00%	\$20,648,571 0.12%	\$89,019 0.01%	\$0 0.00%	\$30,000,574 0.10%
Rural, Farm, Agricultural								
	Parcels: 1 0.00%	\$83,785 0.00%	\$0 0.00%	\$0 0.00%	\$69,674 0.00%	\$17,193 0.00%	\$0 0.00%	\$170,652 0.00%
Total for PATTERSON								
	Parcels: 242 0.17%	\$9,346,769 0.11%	\$0 0.00%	\$0 0.00%	\$20,718,245 0.12%	\$106,212 0.01%	\$0 0.00%	\$30,171,226 0.10%
Total for PGA = 35								
	Parcels: 7466 5.20%	\$547,278,562 6.70%	\$54,081,249 3.64%	\$25,007,387 15.65%	\$606,179,172 3.59%	\$73,369,386 5.92%	\$13,574,911 1.35%	\$1,319,490,667 4.56%

(PGA = 45)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
PGA = 45								
COUNTY								
Commercial								
Parcels: 23	0.02%	\$8,401,386	\$3,238,994	\$0	\$17,384,848	\$2,260,740	\$37,100	\$31,323,068
		0.10%	0.22%	0.00%	0.10%	0.18%	0.00%	0.11%
Industrial								
Parcels: 5	0.00%	\$285,200	\$250,250	\$0	\$187,933	\$4,906	\$0	\$728,289
		0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%
Non-Assessible, Factored or								
Parcels: 49	0.03%	\$1,672,030	\$29,021,766	\$0	\$31,670,034	\$1,733,318	\$0	\$64,097,148
		0.02%	1.95%	0.00%	0.19%	0.14%	0.00%	0.22%
Residential								
Parcels: 22	0.02%	\$1,042,602	\$1,020	\$13,623	\$2,138,548	\$29,640	\$0	\$3,225,433
		0.01%	0.00%	0.01%	0.01%	0.00%	0.00%	0.01%
Residential Income								
Parcels: 7	0.00%	\$578,514	\$0	\$26,954	\$443,791	\$0	\$0	\$1,049,259
		0.01%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%
Rural, Farm, Agricultural								
Parcels: 764	0.53%	\$115,656,035	\$5,562,669	\$10,255,731	\$63,300,492	\$10,827,007	\$1,067,645	\$206,669,579
		1.42%	0.37%	6.42%	0.37%	0.87%	0.11%	0.71%
Vacant Commerical/Industrial								
Parcels: 30	0.02%	\$5,171,721	\$50,788	\$0	\$0	\$0	\$0	\$5,222,509
		0.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%

(PGA = 45)

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Vacant Residential Land								
	Parcels: 10	\$865,536	\$2,446	\$3,200	\$81,590	\$55,246	\$0	\$1,008,018
		0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for COUNTY								
	Parcels: 910	\$133,673,024	\$38,127,933	\$10,299,508	\$115,207,236	\$14,910,857	\$1,104,745	\$313,323,303
		1.64%	2.57%	6.45%	0.68%	1.20%	0.11%	1.08%
PATTERSON								
Commercial								
	Parcels: 142	\$9,721,823	\$3,327,172	\$0	\$28,411,802	\$2,802,972	\$1,446,544	\$45,710,313
		0.10%	0.22%	0.00%	0.17%	0.23%	0.14%	0.16%
Industrial								
	Parcels: 44	\$4,813,950	\$8,436,496	\$0	\$32,535,164	\$3,406,513	\$0	\$49,192,123
		0.03%	0.57%	0.00%	0.19%	0.27%	0.00%	0.17%
Non-Assessible, Factored or								
	Parcels: 61	\$653,008	\$515,791	\$0	\$621,932	\$2,543,474	\$0	\$4,334,205
		0.04%	0.03%	0.00%	0.00%	0.21%	0.00%	0.01%
Residential								
	Parcels: 2907	\$110,956,838	\$21,472	\$0	\$314,546,667	\$1,030,823	\$0	\$426,555,800
		1.36%	0.00%	0.00%	1.86%	0.08%	0.00%	1.47%
Residential Income								
	Parcels: 96	\$3,382,939	\$2,350	\$5,532	\$8,194,997	\$109,437	\$0	\$11,695,255
		0.07%	0.00%	0.00%	0.05%	0.01%	0.00%	0.04%

(PGA = 45)	JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Rural, Farm, Agricultural								
	Parcels: 5		\$88,779	\$0	\$776	\$307,568	\$17,744	\$0	\$414,867
			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Vacant Commerical/Industrial								
	Parcels: 36		\$2,636,460	\$0	\$0	\$323,719	\$0	\$3,935	\$2,964,114
			0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
	Vacant Residential Land								
	Parcels: 726		\$29,992,340	\$0	\$3,479	\$32,469	\$0	\$0	\$30,028,288
			0.37%	0.00%	0.00%	0.00%	0.00%	0.00%	0.10%
	Total for PATTERSON								
	Parcels: 4017		\$162,246,137	\$12,303,281	\$9,787	\$384,974,318	\$9,910,963	\$1,450,479	\$570,894,965
			1.99%	0.83%	0.01%	2.28%	0.80%	0.14%	1.97%
	Total for PGA = 45								
	Parcels: 4927		\$295,919,161	\$50,431,214	\$10,309,295	\$500,181,554	\$24,821,820	\$2,555,224	\$884,218,268
			3.43%	3.40%	6.45%	2.96%	2.00%	0.25%	3.05%
Grand Total	Parcels: 143623		\$8,167,350,398	\$1,485,049,626	\$159,744,225	\$16,903,492,422	\$1,239,465,845	\$1,003,502,077	\$28,958,604,593
% of County	100.00%		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%



Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Existing Facilities Hazard: Earthquake

Peak Ground Accel.	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
PGA = 15	070-13-31	Turlock Recovery Center	L	\$1,236,800	\$0	\$0	\$1,236,800
	008-29-15	La Grange Regional Park	O	\$59,821	\$126,739	\$0	\$186,560
	068-42-12	Stanislaus Behavioral Health Center	O	\$8,639,840	\$1,412,122	\$0	\$10,051,962
	002-07-16	Woodward Reservoir	O	\$987,570	\$159,722	\$0	\$1,147,292
	134-07-27	Waterford Branch Library	O	\$480,000	\$534,951	\$0	\$1,014,951
PGA = 15 Totals:				\$11,404,031	\$2,233,534	\$0	\$13,637,565
% of County Facilities				2.89%	2.59%	0.00%	2.74%

PGA = 25	086-15-05	Agricultural Center	O	\$19,500,640	\$1,942,993	\$0	\$21,443,633
	032-01-45	Workplace Wellness Center	L	\$369,120	\$59,764	\$0	\$428,884
	032-16-06	County Center III	O	\$7,784,760	\$1,844,389	\$0	\$9,629,149
	035-37-38	Airport District Substation	L	\$264,316	\$0	\$0	\$264,316
	036-23-02	Sheriff's Hanger	L	\$1,620,000	\$40,910	\$0	\$1,660,910
	039-10-02	Animal Services	O	\$2,388,600	\$191,279	\$0	\$2,579,879
	052-63-19	Emergency Services Center	O	\$3,600,000	\$6,109,885	\$0	\$9,709,885
	055-07-09	McHenry Medical Office	L	\$3,229,170	\$0	\$0	\$3,229,170
	081-12-06	Juvenile Justice Center (County Center V)	O	\$19,095,108	\$1,261,384	\$0	\$20,356,492

Peak Ground Accel.	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
	086-15-05	Ray Simon Regional Criminal Justice Trai	O	\$3,618,400	\$480,296	\$1,925,000	\$6,023,696
	086-15-14	Public Safety Center	O	\$60,517,110	\$7,214,534	\$11,630,000	\$79,361,644
	086-15-14	Sheriff's Operations Center	O	\$7,234,560	\$1,108,143	\$0	\$8,342,703
	086-15-15	Fleet Services	O	\$2,343,500	\$185,115	\$0	\$2,528,615
	086-15-16	Family Services Center	O	\$40,376,960	\$8,131,200	\$0	\$48,508,160
	104-05-01	722 I Street Modesto	L	\$1,120,000	\$0	\$0	\$1,120,000
	105-06-12	Modesto Main Library	O	\$9,920,000	\$0	\$0	\$9,920,000
	040-06-02	Morgan Road Shops (County Center IV)	O	\$6,446,340	\$3,928,686	\$0	\$10,375,026
	105-23-07	Stanislaus County Job Center	L	\$2,000,000	\$322,958	\$0	\$2,322,958
	077-18-51	Modesto Traffic Court	L	\$1,645,600	\$0	\$0	\$1,645,600
	018-36-75	Hughson Medical Office	L	\$1,050,000	\$30,683	\$0	\$1,080,683
	040-08-16	Stanislaus Recovery Center	O	\$7,460,160	\$0	\$0	\$7,460,160
	069-13-27	Ceres Medical Office	L	\$1,677,690	\$0	\$0	\$1,677,690
	127-16-14	Ceres Superior Court	O	\$400,000	\$0	\$0	\$400,000
	127-16-16	Ceres Counseling Center	L	\$1,802,810	\$117,807	\$0	\$1,920,617
	127-16-37	Ceres Branch Library	O	\$672,000	\$789,469	\$0	\$1,461,469
	040-08-16	Recovery Resource Center	O	\$16,158,210	\$2,006,848	\$0	\$18,165,058
	024-27-41	Denair Sheriff's Substation	L	\$96,000	\$15,133	\$0	\$111,133
	024-24-18	Denair Branch Library	L	\$280,000	\$377,123	\$0	\$657,123
	030-20-31	West Modesto Community Center	L	\$4,494,150	\$906,350	\$0	\$5,400,500
	018-05-03	Fox Grove Regional Park	O	\$135,000	\$0	\$0	\$135,000
	028-18-35	1100 Kansas Avenue	L	\$1,456,000	\$0	\$0	\$1,456,000
	018-36-75	Hughson Branch Library	L	\$320,000	\$315,138	\$0	\$635,138
	018-42-25	Hughson WIC Office	L	\$128,000	\$20,455	\$0	\$148,455
	018-42-25	Hughson CSA Office	L	\$0	\$5,114	\$0	\$5,114

Peak Ground Accel.	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
	045-21-21	Keyes Community Center	O	\$192,000	\$0	\$0	\$192,000
	045-32-01	Keyes Branch Library	L	\$192,000	\$329,192	\$0	\$521,192
	045-27-04	Keyes Sheriff's Substation	O	\$192,000	\$5,114	\$0	\$197,114
	029-02-38	Drug Enforcement Unit	L	\$480,000	\$204,549	\$0	\$684,549
	105-23-09	920 12th Street Modesto	L	\$819,200	\$0	\$0	\$819,200
	113-17-06	Empire Community Center	O	\$688,000	\$459,326	\$0	\$1,147,326
	135-49-05	Salida Sheriff's Substation	L	\$719,520	\$20,166	\$0	\$739,686
	102-12-01	Mancini Hall	L	\$540,000	\$101,622	\$0	\$641,622
	043-51-25	Oakdale Public Works Yard	O	\$1,246,000	\$174,625	\$0	\$1,420,625
	105-24-09	12th Street Office/Parking	O	\$7,680,000	\$0	\$0	\$7,680,000
	130-03-36	Oakdale Community Care Center	L	\$587,840	\$20,953	\$0	\$608,793
	105-21-06	Stanislaus County Law Library	L	\$1,130,000	\$511,374	\$0	\$1,641,374
	130-09-45	Oakdale Branch Library	O	\$1,040,000	\$1,210,759	\$0	\$2,250,759
	103-15-04	609 5th Street Modesto	L	\$181,600	\$0	\$0	\$181,600
	135-47-04	Salida Medical Office	L	\$187,320	\$25,569	\$0	\$212,889
	063-18-18	Oakdale Prenatal Center	L	\$904,000	\$101,170	\$0	\$1,005,170
	135-53-06	Nick W. Blom Salida Regional Library	O	\$9,760,000	\$2,817,361	\$0	\$12,577,361
	018-03-21	Geer Road Landfill	O	\$755,635	\$15,341	\$0	\$770,976
	042-06-14	Turlock WIC Office	L	\$720,000	\$114,958	\$0	\$834,958
	042-37-01	Turlock Superior Court	O	\$589,368	\$0	\$0	\$589,368
	061-33-56	Turlock Branch Library	O	\$1,600,000	\$2,230,064	\$0	\$3,830,064
	072-38-01	Turlock Medical Office	L	\$1,228,500	\$0	\$0	\$1,228,500
	008-03-23	Modesto Reservoir	O	\$911,675	\$202,051	\$0	\$1,113,726
	132-12-15	Riverbank Branch Library	O	\$575,040	\$656,098	\$0	\$1,231,138
	106-16-03	621 14th Street Modesto	L	\$201,440	\$0	\$0	\$201,440

Peak Ground Accel.	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
	105-25-01	Modesto Main Courthouse	O	\$13,634,078	\$780,633	\$0	\$14,414,711
	105-25-01	Downtown Men's Jail	O	\$7,701,408	\$590,743	\$0	\$8,292,151
	105-37-34	Tenth Street Place	O	\$11,945,360	\$0	\$0	\$11,945,360
	105-38-23	1021 I Street (Admin. Annex #4)	O	\$7,016,480	\$8,317,837	\$0	\$15,334,317
	105-39-05	Former City Hall Building	O	\$7,090,940	\$0	\$0	\$7,090,940
	105-39-12	Gallo Center for the Arts	O	\$18,060,000	\$0	\$0	\$18,060,000
	105-40-18	Child Abduction Unit Office	L	\$1,104,000	\$178,981	\$0	\$1,282,981
	106-02-10	Medical Arts Building	O	\$3,780,000	\$866,567	\$0	\$4,646,567
	064-44-28	Behavioral Health and Recovery Services	L	\$784,000	\$0	\$0	\$784,000
	106-16-03	Aging & Veterans Services	L	\$1,120,000	\$0	\$0	\$1,120,000
	037-02-19	Burbank-Paradise Hall	O	\$468,562	\$100,475	\$0	\$569,037
	111-10-15	Scenic Clinic	L	\$289,760	\$127,843	\$0	\$417,603
	111-48-01	County Center III Support	O	\$297,540	\$63,282	\$0	\$360,822
	105-25-01	Capital Projects Office	O	\$345,600	\$56,164	\$0	\$401,764
	106-08-10	Children's Outpatient Services	L	\$971,680	\$102,275	\$0	\$1,073,955
	106-28-12	Former County Administration Building	L	\$0	\$8,804,366	\$3,330,000	\$12,134,366
	111-48-01	County Center II	O	\$36,664,780	\$14,423,702	\$0	\$51,088,482
				Count = 76	\$373,599,530	\$16,885,000	\$471,503,346
				83.52%	94.01%	99.69%	94.72%

**PGA = 25 Totals:
% of County Facilities**

PGA = 35

128-05-44	Newman Branch Library	O	\$418,080	\$446,541	\$0	\$864,621
016-26-10	Honor Farm	O	\$5,264,910	\$1,242,824	\$0	\$6,507,734
027-14-06	Bonita Pool	O	\$249,416	\$0	\$0	\$249,416
027-13-14	Westside Sheriff's Substation	L	\$288,000	\$10,227	\$0	\$298,227

Peak Ground Accel.	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
	025-03-24	Frank Raines Park	O	\$1,221,570	\$35,332	\$52,998	\$1,309,900
PGA = 35 Totals:		Count = 5		\$7,441,976	\$1,734,924	\$52,998	\$9,229,898
% of County Facilities		5.49%		1.89%	2.01%	0.31%	1.85%
PGA = 45							
	131-14-20	Patterson Branch Library	O	\$1,088,000	\$761,282	\$0	\$1,849,282
	047-22-33	Patterson WIC Office	L	\$96,000	\$20,455	\$0	\$116,455
	131-15-49	Behavioral Health and Recovery Services	L	\$404,800	\$0	\$0	\$404,800
	131-04-01	Public Works Patterson Yard	O	\$168,634	\$46,720	\$0	\$215,354
	027-17-40	Fink Road Landfill	O	\$486,000	\$361,669	\$0	\$847,669
PGA = 45 Totals:		Count = 5		\$2,243,434	\$1,190,126	\$0	\$3,433,560
% of County Facilities		5.49%		0.57%	1.38%	0.00%	0.69%

Grand Total	Count = 91	\$394,688,971	\$86,177,400	\$16,937,998	\$497,804,369
% of County Facilities	100.00%	100.00%	100.00%	100.00%	100.00%



Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Future Facilities Hazard: Earthquake

Peak Ground Accel.	APN	Description	Prop Value	Pers Value	Rent Value	Total Value
PGA = 15	002-07-16	14528 26 Mile Road	\$3,000,000	\$0	\$0	\$3,000,000
	134-07-46		\$5,185,000	\$0	\$0	\$5,185,000
	134-07-47		\$5,185,000	\$0	\$0	\$5,185,000
	134-07-73		\$5,185,000	\$0	\$0	\$5,185,000
	134-07-74		\$5,185,000	\$0	\$0	\$5,185,000
	134-07-78		\$5,185,000	\$0	\$0	\$5,185,000
PGA = 15 Total:			\$28,925,000	\$0	\$0	\$28,925,000
% of County Facilities			17.25%	0.00%	0.00%	17.25%
Count = 6						
28.57%						

PGA = 25	007-44-06		\$90,000	\$0	\$0	\$90,000
	009-07-09		\$1,420,202	\$0	\$0	\$1,420,202
	009-07-09		\$750,000	\$0	\$0	\$750,000
	039-10-02	2846 Finch Road	\$6,050,000	\$0	\$0	\$6,050,000
	039-10-02	2846 Finch Road	\$210,000	\$0	\$0	\$210,000
	039-10-02	2846 Finch Road	\$500,000	\$0	\$0	\$500,000
	039-10-02	2846 Finch Road	\$2,000,000	\$0	\$0	\$2,000,000
	086-15-05	3800 Cornucopia Way	\$25,000,000	\$0	\$0	\$25,000,000
	086-15-14	250 E Hackett Road	\$50,000,000	\$0	\$0	\$50,000,000

Peak Ground Accel.	APN	Description	Prop Value	Pers Value	Rent Value	Total Value
	086-15-16	251 E Hackett Road	\$7,540,000	\$0	\$0	\$7,540,000
	102-12-01	718 Tuolumne	\$200,000	\$0	\$0	\$200,000
	105-24-09	830-850 12th Street	\$20,888,797	\$0	\$0	\$20,888,797
	105-39-12	1000 I Street	\$22,000,000	\$0	\$0	\$22,000,000
PGA = 25 Total:		Count = 13	\$136,648,999	\$0	\$0	\$136,648,999
% of County Facilities		61.90%	81.50%	0.00%	0.00%	81.50%
PGA = 35						
	016-34-06	8900 Laird Street	\$1,295,000	\$0	\$0	\$1,295,000
PGA = 35 Total:		Count = 1	\$1,295,000	\$0	\$0	\$1,295,000
% of County Facilities		4.76%	0.77%	0.00%	0.00%	0.77%
PGA = 45						
	027-03-04		\$800,000	\$0	\$0	\$800,000
PGA = 45 Total:		Count = 1	\$800,000	\$0	\$0	\$800,000
% of County Facilities		4.76%	0.48%	0.00%	0.00%	0.48%
Grand Total		Count = 21	\$167,668,999	\$0	\$0	\$167,668,999
% of County Facilities		100.00%	100.00%	0.00%	0.00%	100.00%

Stanislaus County Local Hazard Mitigation Plan



Stanislaus County Bridges Hazard: Earthquake

Peak Ground Accel.	Bridge #	Crossing	Road Name	Type	Cost
PGA = 5	38C-0256	DRY CREEK TRIBUTARY	COOPERSTOWN	Slab	\$ 177,446
	38C-0317	STANISLAUS RIVER	SONORA	Slab	\$3,552,000
PGA = 5 Total:					\$3,729,446
% of County Bridges					1.20%

PGA = 15	38C-0008	ROCK RIVER	COOPERSTOWN	Slab	\$1,184,992
	38C-0009	DRY CREEK	CRABTREE	Girder	\$748,883
	38C-0015	DRY CREEK TRIBUTARY	CLARIBEL	Slab	\$989,480
	38C-0020	SSJID RESERVOIR (WDWRD)	TWENTY-EIGHT MILE	Slab	\$791,126
	38C-0025	DRY CREEK	ALBERS	Girder	\$2,577,613
	38C-0038	DRY CREEK	WELLSFORD	Girder	\$2,633,701
	38C-0039	TID MAIN CANAL	LAKE	Slab	\$1,004,821
	38C-0045	LITTLE JOHN CREEK	FRANKENHEIMER	Slab	\$1,140,093
	38C-0047	DRY CREEK	CHURCH	Girder	\$3,908,029
	38C-0049	MID MAIN CANAL	ALBERS	Slab	\$604,456
	38C-0055	DRY CREEK	OAKDALE-WATERFORD	Girder	\$4,183,401
	38C-0072	TID HIGHLINE CANAL	MONTPELIER	Slab	\$313,640
	38C-0078	OID CLARIBEL LATERAL	OAKDALE-WATERFORD	Slab	\$209,323

Peak Ground Accel.	Bridge #	Crossing	Road Name	Type	Cost
PGA = 15					
	38C-0079	SSJID TULLOCH LATERAL	VALLEY HOME	Slab	\$258,447
	38C-0080	LONE TREE CREEK	VALLEY HOME	Slab	\$252,239
	38C-0087	MID MAIN CANAL (RIVERBANK LATERAL)	CLAUS	Slab	\$448,610
	38C-0106	TID MAIN CANAL	EAST	Slab	\$174,507
	38C-0111	GASBURG CREEK	OLD LA GRANGE	Slab	\$451,788
	38C-0114	MID MAIN CANAL	CLARIBEL	Slab	\$810,146
	38C-0144	TID MAIN CANAL (DAWSON LAKE)	LA GRANGE	Slab	\$772,870
	38C-0146	MID MAIN CANAL	LA GRANGE	Slab	\$817,721
	38C-0147	MID MAIN CANAL	WELLSFORD	Slab	\$1,051,154
	38C-0154	SSJID MAIN CANAL	PLEASANT VALLEY	Slab	\$556,665
	38C-0161	TID MAIN CANAL	SANTE FE	Slab	\$334,534
	38C-0169	SSJID MAIN CANAL	SHELL	Slab	\$110,779
	38C-0171	TID MAIN CANAL	LAKE	Slab	\$494,704
	38C-0176	MID MAIN CANAL	RICE	Slab	\$345,383
	38C-0177	MID MAIN CANAL	DEWITT	Slab	\$317,138
	38C-0178	MID MAIN CANAL	DUSTY	Slab	\$404,963
	38C-0179	MID LATERAL #3	SANTE FE	Slab	\$317,138
	38C-0225	TID MAIN CANAL	KEYES	Slab	\$468,539
	38C-0230	MID MAIN CANAL	MILNES	Slab	\$377,737
	38C-0231	ROCK CREEK	MILTON	Slab	\$1,031,417
	38C-0233	SHIRLEY CREEK	DUNTON	Slab	\$181,365
	38C-0234	SSJID MAIN CANAL	TWENTY-SIX MILE	Slab	\$243,350
	38C-0237	TID MAIN CANAL	MONTE VISTA	Slab	\$396,467
	38C-0246	TID HIGH LINE CANAL	KEYES	Slab	\$236,516
	38C-0247	TID HIGH LINE CANAL	MONTE VISTA	Slab	\$240,004

Peak Ground Accel.	Bridge #	Crossing	Road Name	Type	Cost
PGA = 15	38C-0249	MID MAIN CANAL	TERMINAL	Slab	\$492,267
	38C-0251	MID MAIN CANAL	LANGWORTH	Slab	\$598,927
	38C-0253	WILDCAT CREEK	WILLMS	Slab	\$321,798
	38C-0257	RYBERG CREEK	COOPERSTOWN	Slab	\$297,318
	38C-0259	DRY CREEK	COOPERSTOWN	Girder	\$186,363
	38C-0261	SSJID MAIN CANAL	LAMBUTH	Slab	\$248,153
	38C-0262	LONE TREE CREEK	PIONEER	Slab	\$154,555
	38C-0263	SSJID MAIN CANAL	PIONEER	Slab	\$248,153
	38C-0265	DRY CREEK TRIBUTARY	CROW	Girder	\$319,308
	38C-0268	TID MAIN CANAL	LAKE	Slab	\$471,932
	38C-0270	DRY CREEK TRIBUTARY	WARNERVILLE	Slab	\$161,699
	38C-0278	DRY CREEK TRIBUTARY	WILLMS	Slab	\$200,123
	38C-0282	MID MAIN CANAL	MINNIER	Slab	\$145,690
	38C-0284	MID MAIN CANAL	TIM BELL	Slab	\$492,049
	38C-0287	MID MAIN CANAL	CHURCH	Slab	\$243,344
	38C-0289	MID MAIN CANAL	RESERVOIR	Slab	\$568,721
	38C-0294	SSJID MAIN CANAL	SONORA	Slab	\$146,000
	38C-0307	DRY CREEK TRIBUTARY	WARNERVILLE	Slab	\$156,897
	38C-0312	MID LATERAL #2	WELLSFORD	Slab	\$181,413
	38C-0319	SSJID MAIN CANAL	FRANKENHEIMER	Slab	\$347,903
		Count = 58			\$37,366,350
		24.68%			11.98%

PGA = 25

38C-0001

STANISLAUS RIVER

ORANGE BLOSSOM

Girder

\$6,359,977

Peak Ground Accel.	Bridge #	Crossing	Road Name	Type	Cost
PGA = 25					
	38C-0002	DRY SLOUGH	McHENRY	Slab	\$2,389,912
	38C-0003	TUOLUMNE RIVER	SANTA FE	Girder	\$4,944,820
	38C-0004	TUOLUMNE RIVER	HICKMAN	Girder	\$7,734,211
	38C-0005	TUOLUMNE RIVER	ROBERTS FERRY	Girder	\$4,956,000
	38C-0013	LITTLE JOHN CREEK	SONORA	Slab	\$1,045,013
	38C-0014	DRY CREEK TRIBUTARY	CLARIBEL	Slab	\$808,497
	38C-0017	LITTLE JOHN CREEK	TWENTY-SIX MILE	Slab	\$2,250,364
	38C-0019	WASHINGTON CREEK	DEL PUERTO CANYON	Slab	\$112,069
	38C-0021	LITTLE JOHN CREEK	SONORA	Slab	\$1,575,656
	38C-0023	TUOLUMNE RIVER	SEVENTH	Girder	\$18,585,000
	38C-0024	LITTLE JOHN CREEK TRIBUTARY	SONORA	Slab	\$1,715,611
	38C-0032	STANISLAUS RIVER	McHENRY	Girder	\$12,271,516
	38C-0041	DEL PUERTO CREEK	DEL PUERTO CANYON	Slab	\$107,357
	38C-0044	TUOLUMNE RIVER	MITCHELL	Girder	\$20,454,013
	38C-0048	TUOLUMNE RIVER	GEER	Girder	\$7,769,190
	38C-0050	TUOLUMNE RIVER	CARPENTER	Girder	\$7,485,473
	38C-0051	MID LATERAL #1	GEER	Slab	\$225,142
	38C-0052	CERES MAIN CANAL	ROHDE	Slab	\$260,650
	38C-0061	TUOLUMNE RIVER	NINTH	Girder	\$60,180,000
	38C-0068	MID LATERAL #6	SALIDA	Slab	\$320,822
	38C-0069	MID LATERAL #6	SALIDA	Slab	\$228,366
	38C-0073	DRY CREEK	TIM BELL	Girder	\$927,397
	38C-0076	MID MAIN CANAL	OAKDALE-WATERFORD	Slab	\$586,080
	38C-0083	TID LATERAL #3	SANTA FE	Slab	\$179,669
	38C-0084	TID LATERAL #1 (CERES MAIN)	SANTA FE	Slab	\$536,211

Peak Ground Accel.	Bridge #	Crossing	Road Name	Type	Cost
PGA = 25					
	38C-0090	TID MAIN CANAL	WHITMORE	Slab	\$402,588
	38C-0091	TID LATERAL #1 (CERES MAIN)	HICKMAN	Slab	\$612,198
	38C-0092	TID LATERAL #1 (CERES MAIN)	GEER	Slab	\$512,124
	38C-0105	TID MAIN CANAL	EAST	Slab	\$313,626
	38C-0108	MID LATERAL #6	FINNEY	Slab	\$275,608
	38C-0109	MID LATERAL #6	DALE	Slab	\$235,847
	38C-0110	MID MAIN CANAL	AMERICAN	Slab	\$150,493
	38C-0113	MID LATERAL #6	CLARIBEL	Slab	\$499,507
	38C-0124	TID LATERAL #1	CARPENTER	Slab	\$253,123
	38C-0125	TID LATERAL #1 (CERES MAIN CANAL)	HATCH	Slab	\$257,759
	38C-0129	RIVER ROAD UNDERPASS	RIVER	Slab	
	38C-0137	MID LATERAL #5	CHICAGO	Slab	\$315,036
	38C-0138	MID LATERAL #5	CALIFORNIA	Slab	\$233,100
	38C-0141	TURLOCK OVERHEAD	GOLDEN STATE	Slab	\$15,853,624
	38C-0145	TUOLUMNE RIVER	LA GRANGE	Girder	\$7,062,221
	38C-0148	CERES MAIN CANAL	BOOTH	Slab	\$249,084
	38C-0149	TID LATERAL #1 (CERES MAIN)	FAITH HOME	Slab	\$362,205
	38C-0150	TID LATERAL #1 (CERES MAIN)	GILBERT	Slab	\$238,547
	38C-0151	TID LATERAL #1 (CERES MAIN)	BALDWIN	Slab	\$242,107
	38C-0152	TID LATERAL #1 (CERES MAIN)	SEVENTH	Slab	\$369,039
	38C-0155	TID LATERAL #1 (CERES MAIN)	SWANSON	Slab	\$248,033
	38C-0156	TID MAIN CANAL	LAKE	Slab	\$531,336
	38C-0157	TID LATERAL #1 (TURLOCK MAIN)	MONTPELIER	Slab	\$407,248
	38C-0158	TID MAIN CANAL	LAMPLEY	Slab	\$346,912
	38C-0159	TID MAIN CANAL	DENTON	Slab	\$405,933

Peak Ground Accel.	Bridge #	Crossing	Road Name	Type	Cost
PGA = 25					
	38C-0162	HOODS CREEK	DUNTON	Slab	\$752,702
	38C-0164	MID MAIN CANAL	SKITSTONE	Slab	\$136,084
	38C-0166	MID MAIN CANAL	CARVER	Slab	\$246,026
	38C-0170	GALLUP CREEK	COOPERSTOWN	Slab	\$200,244
	38C-0175	WASHINGTON CREEK	DEL PUERTO CANYON	Slab	\$112,069
	38C-0190	TID LATERAL #5	WALNUT	Slab	\$143,037
	38C-0191	TID LATERAL #4	FAITH HOME	Slab	\$130,468
	38C-0192	TID LATERAL #1 (CERES MAIN CANAL)	FULKERTH	Slab	\$153,898
	38C-0193	TID LATERAL #1 (CERES MAIN CANAL)	KEYES	Slab	\$181,413
	38C-0194	TID LATERAL #2	MITCHELL	Slab	\$135,489
	38C-0195	TID UPPER LATERAL #3	WALNUT	Slab	\$112,083
	38C-0197	MID LATERAL #8	HAMMETT	Slab	\$168,252
	38C-0198	ROCK CREEK	MILTON	Slab	\$225,142
	38C-0199	ROCK CREEK	MILTON	Slab	\$216,300
	38C-0222	CERES MAIN CANAL	SERVICE	Slab	\$265,517
	38C-0223	CERES MAIN CANAL	CLINTON	Slab	\$327,408
	38C-0224	CERES MAIN CANAL	TULLY	Slab	\$475,259
	38C-0226	MID LATERAL #6	COVERT	Slab	\$265,870
	38C-0228	MID LATERAL #6	COFFEE	Slab	\$377,737
	38C-0232	HOODS CREEK	MILTON	Slab	\$609,330
	38C-0236	MID MAIN CANAL	SAINTE FRANCIS	Slab	\$260,937
	38C-0244	TID LATERAL #1 (CERES MAIN CANAL)	MONTE VISTA	Slab	\$177,972
	38C-0245	TID LATERAL #1 (CERES MAIN CANAL)	ROEDING	Slab	\$198,834
	38C-0252	TID LATERAL #1 (CERES MAIN)	ALDERICH	Slab	\$226,487
	38C-0255	DRY CREEK TRIBUTARY	COOPERSTOWN	Slab	\$200,244

Peak Ground Accel.	Bridge #	Crossing	Road Name	Type	Cost
PGA = 25	38C-0258	JOHNSON CREEK	COOPERSTOWN	Slab	\$161,699
	38C-0264	SSJID MAIN CANAL	VICTORY	Slab	\$462,971
	38C-0266	MID MAIN CANAL	HAZELDEAN	Slab	\$321,758
	38C-0267	MID MAIN CANAL	CRABTREE	Slab	
	38C-0269	PEASLEE CREEK	LAKE	Slab	\$313,626
	38C-0272	MARTELL CREEK	SONORA	Slab	\$395,443
	38C-0273	MARTELL CREEK	SONORA	Slab	\$297,783
	38C-0274	MID LATERAL #5	PAULINE	Slab	\$112,069
	38C-0275	MID LATERAL #4	PAULINE	Slab	\$308,751
	38C-0279	MID LATERAL #5	HOUSER	Slab	\$247,746
	38C-0280	TID HIGH LINE CANAL	LAKE	Slab	\$203,758
	38C-0285	MID MAIN CANAL	N REINWAY	Slab	\$322,344
	38C-0286	MID LATERAL #2	CHURCH	Slab	\$190,715
	38C-0288	MID MAIN CANAL	RESERVOIR	Slab	\$439,988
	38C-0290	MID LOWER WATERFORD CANAL	HAZELDEAN	Slab	\$287,804
	38C-0291	MID MAIN CANAL	HOOPER	Slab	\$345,814
	38C-0292	MID MAIN CANAL	BLOSSOM	Slab	\$326,589
	38C-0295	TID LATERAL #2	MORGAN	Slab	\$226,766
	38C-0300	MID LATERAL #6	DALE	Slab	\$166,491
	38C-0301	TID LATERAL #3	TEGNER	Slab	\$115,449
	38C-0302	TID LATERAL #5	TEGNER	Slab	\$113,766
	38C-0304	MID LATERAL #7	BECKWITH	Slab	\$243,541
	38C-0305	MID LATERAL #7	DAKOTA	Slab	\$181,413
	38C-0306	TID LATERAL #3	FAITH HOME	Slab	\$177,355
	38C-0308	MID LATERAL #6	WILLIAMS	Slab	\$136,084

Peak Ground Accel.	Bridge #	Crossing	Road Name	Type	Cost
PGA = 25	38C-0309	MID LATERAL #6	JACKSON	Slab	\$142,177
	38C-0310	MID LATERAL #6	DUNN	Slab	\$113,742
	38C-0311	MID LATERAL #4	ROSEMORE	Slab	\$183,157
	38C-0313	TID MAIN CANAL	WARNER	Slab	\$121,675
	38C-0315	DEL PUERTO CREEK	OFF ROAD VEHICLE PARK	Slab	\$61,889
	38C-0321	CERES MAIN CANAL	PRAIRIE FLOWER	Slab	\$327,748
	38C-0322	MID LATERAL #6	HAMMETT	Slab	\$195,941
	Count = 108				
PGA = 25 Total:					66.67%
% of County Bridges					

PGA = 35	38C-0010	SAN JOAQUIN RIVER	CROWS LANDING	Girder	\$6,857,073
	38C-0012	ORESTIMBA CREEK	ANDERSON	Slab	
	38C-0016	SAN JOAQUIN RIVER	GRAYSON	Girder	\$2,610,382
	38C-0018	TUOLUMNE RIVER	SHILOH	Girder	\$4,679,087
	38C-0027	LAIRD SLOUGH	GRAYSON	Slab	\$2,942,850
	38C-0031	SAN JOAQUIN & KINGS RIVER CANAL	STUHR	Girder	\$660,940
	38C-0033	SAN JOAQUIN RIVER	LAS PALMAS	Girder	\$7,450,151
	38C-0042	ORESTIMBA CREEK	MORRIS	Slab	
	38C-0043	ORESTIMBA CREEK	RIVER	Slab	\$612,699
	38C-0096	SAN JOAQUIN & KINGS RIVER CANAL	CROWS LANDING	Girder	\$726,440
	38C-0098	TID LATERAL #5	CROWS LANDING	Slab	\$173,958
	38C-0107	MID LATERAL #5	STONE	Slab	\$133,858
	38C-0116	MID LATERAL #5	PARADISE	Slab	\$273,362
	38C-0123	TID LATERAL #2	CARPENTER	Slab	\$249,736

Peak Ground Accel.	Bridge #	Crossing	Road Name	Type	Cost
PGA = 35	38C-0167	NEWMAN WASTEWAY	UPPER	Slab	\$881,450
	38C-0174	DEL PUERTO CREEK	DEL PUERTO CANYON	Slab	\$204,926
	38C-0183	SAN JOAQUIN & KINGS RIVER CANAL	ANDERSON	Girder	\$430,453
	38C-0184	PID CANAL	ELM	Slab	\$156,753
	38C-0185	PID CANAL	SYCAMORE	Slab	\$116,872
	38C-0186	TID LATERAL #5.5	MORGAN	Slab	\$154,794
	38C-0188	WEST STANISLAUS LATERAL #5 SOUTH	WEST STANISLAUS	Slab	\$132,141
	38C-0201	CALIFORNIA AQUEDUCT	PETE MILLER	Slab	\$1,059,804
	38C-0204	SAN JOAQUIN & KINGS RIVER CANAL	ORESTIMBA	Girder	\$632,134
	38C-0208	SAN JOAQUIN & KINGS RIVER CANAL	FIFTH	Girder	\$430,453
	38C-0211	CALIFORNIA AQUEDUCT	OAK FLAT	Slab	\$1,095,289
	38C-0216	SALADO CREEK	OLIVE	Slab	\$268,464
	38C-0217	DEL PUERTO CREEK	VINEYARD	Slab	\$272,980
	38C-0218	WESTLY WASTEWAY	FRANK COX	Slab	\$383,940
	38C-0219	WESTLEY WASTEWAY	COX	Slab	\$272,316
	38C-0242	WEST STANISLAUS LATERAL #4 SOUTH	WEST STANISLAUS	Slab	\$122,344
	38C-0243	INGRAM CREEK	HAMILTON	Slab	\$190,498
	38C-0314	TID LATERAL #2	GRIFFIN	Slab	\$115,414
	39C-0001	SAN JOAQUIN RIVER	HILLS FERRY	Girder	\$2,571,456
		Count = 33			\$36,863,016
		14.04%			11.82%

PGA = 35 Total:
% of County Bridges

PGA = 45

38C-0011	ORESTIMBA CREEK	ORESTIMBA	Slab	\$1,224,969
38C-0053	CALIFORNIA AQUEDUCT	SPERRY	Slab	\$1,251,253

Peak Ground Accel.	Bridge #	Crossing	Road Name	Type	Cost
PGA = 45	38C-0059	INGRAM CREEK	McCRACKEN	Slab	\$529,329
	38C-0094	CALIFORNIA AQUEDUCT	FINK	Slab	\$1,279,832
	38C-0095	DELTA MENDOTA CANAL	FINK	Slab	\$632,389
	38C-0101	DELTA MENDOTA CANAL	HAMILTON	Slab	\$683,406
	38C-0103	DELTA MENDOTA CANAL	SPERRY	Slab	\$671,482
	38C-0104	SALADO CREEK	SPERRY	Slab	\$173,958
	38C-0117	CALIFORNIA AQUEDUCT	HOWARD	Slab	\$1,349,415
	38C-0118	DELTA MENDOTA CANAL	HOWARD	Slab	\$679,200
	38C-0180	SAN JOAQUIN & KINGS RIVER CANAL	SHEILLS	Girder	\$482,502
	38C-0181	SAN JOAQUIN & KINGS RIVER CANAL	MOOREHEAD	Girder	\$482,502
	38C-0182	NEWMAN WASTEWAY	EASTIN	Slab	\$266,074
	38C-0187	DELTA MENDOTA WASTEWAY	STARK	Slab	\$329,630
	38C-0189	SALADO CREEK	WARD	Slab	\$173,604
	38C-0200	CALIFORNIA AQUEDUCT	SULLIVAN	Slab	\$1,066,901
	38C-0202	DELTA MENDOTA CANAL	PETE MILLER	Slab	\$887,686
	38C-0203	SAN JOAQUIN & KINGS RIVER CANAL	DRAPER	Girder	\$671,076
	38C-0205	DELTA MENDOTA CANAL	ORESTIMBA	Slab	\$696,429
	38C-0206	DELTA MENDOTA CANAL	STUHR	Slab	\$675,640
	38C-0207	CALIFORNIA AQUEDUCT	ORESTIMBA	Slab	\$1,066,901
	38C-0209	DELTA MENDOTA CANAL	DAVIS	Slab	\$721,375
	38C-0210	CALIFORNIA AQUEDUCT	WARD	Slab	\$1,386,692
	38C-0212	DELTA MENDOTA CANAL	MARSHALL	Slab	\$677,718
	38C-0213	DELTA MENDOTA CANAL	WARD	Slab	\$683,955
	38C-0214	DELTA MENDOTA CANAL	ROGERS	Slab	\$677,718
	38C-0215	DEL PUERTO CREEK	ROGERS	Slab	\$496,783

Peak Ground Accel.	Bridge #	Crossing	Road Name	Type	Cost
PGA = 45	38C-0220	DELTA MENDOTA CANAL	WELTY	Slab	\$702,665
	38C-0221	DELTA MENDOTA CANAL	GAFFERY	Slab	\$848,188
	38C-0238	NEWMAN WASTEWAY	DRAPER	Slab	\$867,280
	38C-0239	DELTA MENDOTA CANAL	NEEDHAM	Slab	\$860,231
	38C-0240	CALIFORNIA AQUEDUCT	McCRACKEN	Slab	\$1,279,832
	38C-0241	DELTA MENDOTA CANAL	McCRACKEN	Slab	\$829,167
	38C-0296	DELTA MENDOTA CANAL	DIEHL	Slab	\$675,640
PGA = 45 Total: % of County Bridges		Count = 34 14.47%			\$25,981,423 8.33%

**Grand Total
% of County Bridges**

**Count = 235
100.00%**

**\$311,871,403
100.00%**



Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Drainage Districts Hazard: Earthquake

Peak Ground Accel.	Co No	Sub Division	Location	Cost
PGA = 25				
	C-1	PECOS AVENUE - PORTER ESTATES NO. 2	AERON STREET (CERES)	\$357,500
	C-2	SOLAR AVENUE - HERNDON ESTATES	ORBIT LANE (CERES)	\$357,500
	C-3	ORLANDO DRIVE	WESTLEY DRIVE (CERES)	\$357,500
	D-1	CORONA WAY - GLENMOOR ESTATES	W/MILLS STREET	\$357,500
	D-2	KATELLA DRIVE - GLENMOOR ESTATES	CHALMER WAY	\$357,500
	D-3	BRANDI WAY - REICH MANOR NO. 3	W/GRATTON	\$357,500
	D-4	ARDENCOURT - WALNUT GREEN ESTATES	S/GREENVIEW	\$357,500
	D-5	WINDGATE DRIVE - WALNUT GREEN NORTH	W/SPERRY	\$357,500
	D-7	ROMIE WAY - MYSTY LAND ESTATES	N/WALTON	\$357,500
	E-1	NORTH EMPIRE MANOR UNIT #3 (17-PM-74)	CAMERON WAY	\$357,500
	E-2	RAVENNA WAY - ENTERPRISE HOMES	N/TYSON STREET	\$357,500
	E-3	ESTATES DRIVE - SHERMAN ESTATES	E/CHURCH STREET	\$357,500
	E-4	MARY LOU DRIVE - HONEY BEE ESTATES CSA NO. 8	N/FRONA DRIVE	\$357,500
	K-1	STARLITE DRIVE - STARLITE PLACE CSA NO. 5	W/FAITH HOME ROAD	\$357,500
	K-2	CASABA WAY - RAYMOND TRACT CSA NO. 6	S/STELLA (KEYES)	\$357,500
	K-3	SUNSET TERRACE - KEYES NORTH	W/GREENDALE (KEYES)	\$357,500
	K-4	LA JOLLA	BLACK BERRY WAY	\$357,500
	M-1	PIN RIDGE PLAZA	SOUZA AVE	\$357,500

Peak Ground Accel.	Co No	Sub Division	Location	Cost
PGA = 25				
	M-10	LAVERTY INDUSTRIAL PARK ()	WELLS AVE	\$357,500
	M-11	DEL RIO HEIGHTS	HARTLEY DR	\$357,500
	M-2	46-PM-63	AUTO CENTER CT	\$357,500
	M-3	FARRAR AVE	FARRAR AVE	\$357,500
	M-4	PARKLAWN AVENUE - IN OLYMPIC PARK	PEARSON AVENUE	\$357,500
	M-5	HARTLEY DRIVE - WALNUTWOODS	S/END WALNUTWOOD DRIVE	\$357,500
	M-6	HILLCREST DRIVE - RANCH DEL RIO	S/COUNTRY CLUB DRIVE	\$357,500
	M-7	SHERRY COURT	E/SHERRY LANE	\$357,500
	M-8	COUNTRY CLUB - COUNTRY CLUB LANE	E/DEL RIO	\$357,500
	M-9	35-PM-34	GALAXY WAY	\$357,500
	O-1	MOUNTAIN OAK - SUNSET OAKS NO. 10	N/ORANGE BLOSSOM 9 (N/E CORN	\$357,500
	O-2	ST. ANDREWS - OAKDALE CC ESTATES	2500 ATLAS	\$357,500
	O-3	RIO CASA DRIVE - RIO CASA ESTATES	S/DIXON ROAD	\$357,500
	O-4	RIO SOMBRA DRIVE - HUNTER RANCH ESTATES	W/MORRIS HUNTER	\$357,500
	O-5	SIERRA SUNSET	RANCH WOOD CT	\$357,500
	S-1	GREENLEAF COURT - GREENLEAF INDUSTRIAL PARK	E/SISK ROAD	\$672,500
	S-10	STODDARD ROAD - LANDMARK BUSINESS CENTER	S/KIERNAN	\$672,500
	S-11	SOMERSET ESTATES NO.1	WINCANTON WAY	\$672,500
	S-12	PARKSIDE PLAZA NO.1	TOOMES RD-WHITESTONE WAY	\$672,500
	S-2	DURLEY DRIVE - CLARENDON WOODS NO. 1	AT WESSEX LANE	\$672,500
	S-3	ALYSSA AVENUE - KIERNAN ESTATES	N/HORACE WAY	\$672,500
	S-4	ZINFANDEL AVENUE - DeARBOLES ESTATES	N/ESCAMILLA AVENUE	\$672,500
	S-5	ZINFANDEL AVENUE - EDGEWOOD ESTATES	N/PARKS AVENUE	\$672,500
	S-6	STILLWATER DRIVE - SUNNYBROOK VILLAGE	E/OVERLAND PLACE	\$672,500

Peak Ground Accel.	Co No	Sub Division	Location	Cost
PGA = 25				
	S-7	DANIEL COURT - SUNNYBROOK VILLAGE WEST	E/DANIEL	\$672,500
	S-8	ELMSBURY DRIVE - BRISTOL GLEN CSA NO. 4	AT KILLIGREW	\$672,500
	S-9	PIRRONE ROAD - MORGAN GLEN ESTATES	N/KIERNAN AVENUE	\$672,500
	T-1	EVELLE LANE - LA JUNEA ESTATES	E/JOHNSON (TURLOCK)	\$357,500
PGA = 25 Total:				20,225,000
% of County Total				100.00%
<hr/>				
Grand Total				20,225,000
% of County Total				100.00%

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Lighting Districts Hazard: Earthquake



Peak Ground Accel.	District	Title	Number	Cost
PGA = 15	ALMOND WOOD ESTATES - A		10*	\$36,570
	ALMOND WOOD ESTATES - C		2*	\$7,314
	DEO GLORIA ESTATES		26	\$95,082
	GIBBS RANCH - A	THE GIBBS RANCH LIGHTING DISTRICT	1*	\$3,657
	GIBBS RANCH - B		4*	\$14,628
	GILBERT ROAD		2	\$7,314
	NORTH OAKS - A	NORTH WOODS ANNEXATION	1*	\$3,657
	NORTH OAKS - B		18*	\$65,826
	SUNSET OAKS - A		48*	\$175,536
				Count = 112
			6.55%	6.55%

PGA = 25	AIRPORT NEIGHBORHOOD		64	\$234,048
	ALMOND WOOD ESTATES - B		33*	\$120,681
	COUNTY CLUB ESTATES - A		18*	\$65,826
	COUNTY CLUB ESTATES - B		1*	\$3,657
	COUNTY CLUB ESTATES - C		5*	\$18,285

Wednesday, August 11, 2004

* Indicates that the count is an estimate

Peak Ground Accel.	District	Title	Number	Cost
	FAIRVIEW TRACT		35	\$127,995
	HILLCREST - A		27*	\$98,739
	HILLCREST - B		6*	\$21,942
	HILLCREST - C		13*	\$47,541
	HILLCREST - D		34*	\$124,338
	MANCINI PARK		34	\$124,338
	NORTH MC HENRY - A	PENTECOSTAL ANNEXATION AREA NO. 1	5*	\$18,285
	NORTH MC HENRY - B		2*	\$7,314
	NORTH MC HENRY - C	PENTECOSTAL ANNEXATION AREA NO. 2	2*	\$7,314
	NORTH MC HENRY - D		1*	\$3,657
	NORTH MC HENRY - E	NORTH MC HENRY	2*	\$7,314
	NORTH MC HENRY - F	MISTLIN HONDA ANNEXATION	2*	\$7,314
	NORTH MC HENRY - G		1*	\$3,657
	NORTH MC HENRY - H		3*	\$10,971
	NORTH MC HENRY - I		2*	\$7,314
	NORTH MC HENRY - J		1*	\$3,657
	NORTH MC HENRY - K	BERBERIAN TURST ANNEX	5*	\$18,285
	NORTH MC HENRY - L		1*	\$3,657
	NORTH MC HENRY - M		3*	\$10,971
	NORTH MC HENRY - N		3*	\$10,971
	NORTH MC HENRY - O		8*	\$29,256
	OLYMPIC TRACT		44	\$160,908
	PEACH BLOSSOM ESTATES		5	\$18,285
	RICHLAND TRACT		20	\$73,140
	RIVERDALE LANDSCAPE AND LIGHTING	RIVERDALE LANDSCAPE & LIGHT.	36	\$131,652

Wednesday, August 11, 2004

* Indicates that the count is an estimate

Peak Ground Accel.	District	Title	Number	Cost
	RIVERVIEW LANDSCAPE & LIGHT.	RIVERVIEW LANDSCAPE & LIGHT.	40	\$146,280
	SALIDA HIGHWAY - A	SHELL LAB ANNEXATION	38*	\$138,966
	SALIDA HIGHWAY - B		173*	\$632,661
	SALIDA HIGHWAY - C		8*	\$29,256
	SALIDA HIGHWAY - D		255*	\$932,535
	SALIDA HIGHWAY - E		113*	\$413,241
	SALIDA HIGHWAY - F	SALIDA HIGHWAY LIGHT.	23*	\$84,111
	SALIDA HIGHWAY - G		60*	\$219,420
	SALIDA HIGHWAY - H	VELLA 6 ANNEX	23*	\$84,111
	SCHWANTZ-BAIZE	SCHWANTZ-BAIZE	1	\$3,657
	SHACKELFORD LANDSCAPE LIGHTING DIS	SHACKELFORD LANDSCAPE LIGHTING DI	62	\$226,734
	SUNSET OAKS - B	RIVER GLEN ANNEXATION	6*	\$21,942
	SUNSET OAKS - C		14*	\$51,198
	SUNSET OAKS - D		10*	\$36,570
	SUNSET OAKS - E	COUNTRY OAK MANOR ANNEX.	7*	\$25,599
	SYLVAN VILLAGE NO.2		10	\$36,570
	TEMPO PARK		57	\$208,449
	DENAIR		92	\$336,444
	EMPIRE		119	\$435,183
			Count = 1527	\$5,584,239
			89.30%	89.30%

PGA = 35

CROWS LANDING

21

\$76,797

Wednesday, August 11, 2004

Page 3 of 4

* Indicates that the count is an estimate

Peak Ground Accel.	District	Title	Number	Cost
	MONTEREY PARK TRACT		11	\$40,227
PGA = 35 Total:				
% of County Total				
			Count = 32	\$117,024
			1.87%	1.87%
PGA = 45				
	HOWARD/MCCRACKEN LAND./LIGHT.DIST.	HOWARD/MCCRACKEN LAND./LIGHT.	13	\$47,541
	PATTERSON GATEWAY		26	\$95,082
PGA = 45 Total:				
% of County Total				
			Count = 39	\$142,623
			2.28%	2.28%
Grand Total				
% of County Total				
			Count = 1710	\$6,253,470
			100.00%	100.00%

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Traffic Signals Hazard: Earthquake



Peak Ground Accel.	Jurisdiction	Location	Cost
PGA = 15			
	STANISLAUS COUNTY		
		CLARIBEL AND ALBERS	\$175,000
		CLARIBEL AND CLAUS	\$175,000
		CLARIBEL AND OAKDALE	\$175,000
PGA = 15 Total:		Count = 3	\$525,000
% of County Traffic Signals		15.00%	15.00%
PGA = 25			
	STANISLAUS COUNTY		
		9TH AND CARVER	\$175,000
		9TH AND LATIMER	\$175,000
		9TH AND PECOS	\$175,000
		BOYCE AND SYLVAN	\$175,000
		BROADWAY AND SALIDA	\$175,000
		CARPENTER AND PARADISE	\$175,000
		CROWS LANDING AND HACKETT	\$175,000
		CROWS LANDING AND HATCH	\$175,000
		CROWS LANDING AND SCHOOL	\$175,000
		CROWS LANDING AND SERVICE	\$175,000
		CROWS LANDING AND WHITMORE	\$175,000
		GOLDEN STATE AND KEYES	\$175,000
		HATCH AND MORGAN	\$175,000
		MC HENRY AND STEWART	\$175,000
		MITCHELL AND RIVERSIDE	\$175,000
		MITCHELL AND TENEYA	\$175,000
PGA = 25 Total:		Count = 16	\$2,800,000
% of County Traffic Signals		80.00%	80.00%

Peak Ground Accel.	Jurisdiction	Location	Cost
PGA = 45			
STANISLAUS COUNTY			
		ROGERS AND SPERRY	\$175,000
PGA = 45 Total:			Count = 1
% of County Traffic Signals			5.00%
			\$175,000
			5.00%
Grand Total			Count = 20
% of County Traffic Signals			100.00%
			\$3,500,000
			100.00%



Stanislaus County
Multi-Jurisdictional Hazard Mitigation Plan

Appendix B
Flood Hazard

Population and Housing
Parcel Valuation
County Facilities (Existing and New)
Infrastructure: Bridges
Drainage Districts
Lighting
Traffic Signals

Stanislaus County Local Hazard Mitigation Plan

Population and Housing Units by Jurisdiction Hazard: Flooding



Flood Zone	JURISDICTION	Housing Units	Population
100 Year			
	CERES		
	Total	10	21
	% of County Total	0.08%	0.05%
	COUNTY		
	Total	3,020	8,523
	% of County Total	23.12%	20.23%
	MODESTO		
	Total	772	2,177
	% of County Total	5.91%	5.17%
	NEWMAN		
	Total	497	1,589
	% of County Total	3.80%	3.77%
	OAKDALE		
	Total	476	1,076
	% of County Total	3.64%	2.55%
	PATTERSON		
	Total	450	1,573
	% of County Total	3.44%	3.73%

Flood Zone	JURISDICTION	Housing Units	Population
	RIVERBANK		
	Total	112	356
	% of County Total	0.86%	0.85%
	WATERFORD		
	Total	0	0
	% of County Total	0.00%	0.00%
	Total (100 Year)	5,337	15,315
	% of County Total (100 Year)	40.85%	36.35%

500 Year

COUNTY

Total 2,442 8,017
 % of County Total 18.69% 19.03%

MODESTO

Total 2,394 8,620
 % of County Total 18.32% 20.46%

NEWMAN

Total 649 2,116
 % of County Total 4.97% 5.02%

PATTERSON

Total 2,231 8,039
 % of County Total 17.08% 19.08%

WATERFORD

Total 12 22
 % of County Total 0.09% 0.05%

Flood Zone	JURISDICTION	Housing Units	Population
	Total (500 Year)	7,728	26,814
	% of County Total (500 Year)	59.15%	63.65%
Grand Total		13,065	42,129

Stanislaus County Local Hazard Mitigation Plan

Population and Housing Units by Jurisdiction Hazard: Flooding



Flood Zone	Jurisdiction	Flood River	Housing Units	Population
100 Year				
	CERES			
		TUOLUMNE		
		Total	10	21
		% of County Total	0.01%	0.00%
	<hr/>			
		Total	10	21
		% of County Total	0.01%	0.00%
	COUNTY			
		DEL PUERTO CANYON		
		Total	99	332
		% of County Total	0.07%	0.07%
		DRY CREEK		
		Total	273	747
		% of County Total	0.18%	0.17%
		ORESTIMBA CREEK		
		Total	219	588
		% of County Total	0.15%	0.13%
		SALADO CREEK		
		Total	6	20
		% of County Total	0.00%	0.00%
		SAN JOAQUIN		
		Total	411	1,527
		% of County Total	0.27%	0.34%
		STANISLAUS		
		Total	946	2,419
		% of County Total	0.63%	0.54%

Flood Zone	Jurisdiction	Flood River	Housing Units	Population
		TUOLUMNE		
		Total	1,066	2,890
		% of County Total	0.71%	0.65%
		<hr/>		
		Total	3,020	8,523
		% of County Total	2.00%	1.91%
		<hr/>		
	MODESTO	DRY CREEK		
		Total	621	1,497
		% of County Total	0.41%	0.33%
		<hr/>		
		TUOLUMNE		
		Total	151	680
		% of County Total	0.10%	0.15%
		<hr/>		
		Total	772	2,177
		% of County Total	0.51%	0.49%
		<hr/>		
	NEWMAN	ORESTIMBA CREEK		
		Total	497	1,589
		% of County Total	0.33%	0.36%
		<hr/>		
		Total	497	1,589
		% of County Total	0.33%	0.36%
		<hr/>		
	OAKDALE	STANISLAUS		
		Total	476	1,076
		% of County Total	0.32%	0.24%
		<hr/>		
		Total	476	1,076
		% of County Total	0.32%	0.24%
		<hr/>		
	PATTERSON	DEL PUERTO CANYON		
		Total	450	1,573
		% of County Total	0.30%	0.35%

Flood Zone	Jurisdiction	Flood River	Housing Units	Population
SAN JOAQUIN				
		Total	0	0
		% of County Total	0.00%	0.00%
<hr/>				
	Total		450	1,573
	% of County Total		0.30%	0.35%
<hr/>				
RIVERBANK				
STANISLAUS				
		Total	112	356
		% of County Total	0.07%	0.08%
<hr/>				
	Total		112	356
	% of County Total		0.07%	0.08%
<hr/>				
WATERFORD				
TUOLUMNE				
		Total	0	0
		% of County Total	0.00%	0.00%
<hr/>				
	Total		0	0
	% of County Total		0.00%	0.00%
<hr/>				
	Total (100 Year)		5,337	15,315
	% of County Total (100 Year)		3.54%	3.43%

500 Year

COUNTY

DEL PUERTO CANYON

Total 95 293
 % of County Total 0.06% 0.07%

DRY CREEK

Total 0 0
 % of County Total 0.00% 0.00%

ORESTIMBA CREEK

Total 166 468
 % of County Total 0.11% 0.10%

Flood Zone	Jurisdiction	Flood River	Housing Units	Population
		SALADO CREEK		
		Total	19	77
		% of County Total	0.01%	0.02%
		SAN JOAQUIN		
		Total	118	389
		% of County Total	0.08%	0.09%
		TUOLUMNE		
		Total	2,044	6,790
		% of County Total	1.36%	1.52%
		Total	2,442	8,017
		% of County Total	1.62%	1.79%
	MODESTO			
		DRY CREEK		
		Total	475	1,006
		% of County Total	0.31%	0.23%
		TUOLUMNE		
		Total	1,919	7,614
		% of County Total	1.27%	1.70%
		Total	2,394	8,620
		% of County Total	1.59%	1.93%
	NEWMAN			
		ORESTIMBA CREEK		
		Total	649	2,116
		% of County Total	0.43%	0.47%
		Total	649	2,116
		% of County Total	0.43%	0.47%
	PATTERSON			
		DEL PUERTO CANYON		
		Total	918	3,630
		% of County Total	0.61%	0.81%
		SALADO CREEK		
		Total	1,313	4,409
		% of County Total	0.87%	0.99%

Flood Zone	Jurisdiction	Flood River	Housing Units	Population
	Total		2,231	8,039
	% of County Total		1.48%	1.80%
	WATERFORD			
		TUOLUMNE		
		Total	12	22
		% of County Total	0.01%	0.00%
	Total		12	22
	% of County Total		0.01%	0.00%
	Total (500 Year)		7,728	26,814
	% of County Total (500 Year)		5.12%	6.00%
Grand Total			13,065	42,129
% of County Total			8.66%	9.42%



Stanislaus County
Local Hazard Mitigation Plan
Total Property Value by Jurisdiction
Hazard: Flood

100 Year Zone	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
CERES							
100 Year Zone							
CERES							
TUOLUMNE RIVER							
Commercial							
Parcels: 2	\$192,829	\$0	\$0	\$654,457	\$201,813	\$0	\$1,049,099
0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%
Residential							
Parcels: 7	\$529,198	\$0	\$0	\$1,997,029	\$6,352	\$0	\$2,532,579
0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
Vacant Residential Land							
Parcels: 1	\$53,916	\$0	\$0	\$0	\$0	\$0	\$53,916
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for TUOLUMNE RIVER							
Parcels: 10	\$775,943	\$0	\$0	\$2,651,486	\$208,165	\$0	\$3,635,594
0.01%	0.01%	0.00%	0.00%	0.02%	0.02%	0.00%	0.01%

100 Year Zone CERES		Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Total for CERES		\$775,943	\$0	\$0	\$2,651,486	\$208,165	\$0	\$3,635,594
Parcels: 10	0.01%	0.01%	0.00%	0.00%	0.02%	0.02%	0.00%	0.01%

100 Year Zone	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
COUNTY							
COUNTY							
DEL PUERTO CANYON CR							
Commercial							
Parcels: 1	\$44,732	\$0	\$0	\$159,417	\$58,225	\$0	\$262,374
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Industrial							
Parcels: 5	\$327,232	\$992,452	\$0	\$1,787,032	\$311,541	\$17,000	\$3,435,257
0.00%	0.00%	0.07%	0.00%	0.01%	0.03%	0.00%	0.01%
Non-Assessible, Factored or Exempt							
Parcels: 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Residential							
Parcels: 15	\$808,600	\$1,020	\$13,623	\$1,645,240	\$29,640	\$0	\$2,498,123
0.01%	0.01%	0.00%	0.01%	0.01%	0.00%	0.00%	0.01%
Residential Income							
Parcels: 3	\$203,135	\$0	\$0	\$78,071	\$0	\$0	\$281,206
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Rural, Farm, Agricultural							
Parcels: 127	\$17,939,696	\$232,277	\$1,944,539	\$11,708,195	\$1,775,779	\$191,710	\$33,792,196
0.09%	0.22%	0.02%	1.22%	0.07%	0.14%	0.02%	0.12%

**100 Year Zone
COUNTY**

	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Vacant Residential Land							
Parcels: 9	\$860,761	\$2,446	\$3,200	\$81,590	\$55,246	\$0	\$1,003,243
0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for DEL PUERTO CANYON CR							
Parcels: 161	\$20,184,156	\$1,228,195	\$1,961,362	\$15,459,545	\$2,230,431	\$208,710	\$41,272,399
0.11%	0.25%	0.08%	1.23%	0.09%	0.18%	0.02%	0.14%
DRY CREEK							
Commercial							
Parcels: 1	\$31,677	\$0	\$0	\$27,540	\$0	\$0	\$59,217
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Non-Assessible, Factored or Exempt							
Parcels: 1	\$187,865	\$0	\$0	\$210,566	\$0	\$0	\$398,431
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Residential							
Parcels: 10	\$1,239,166	\$0	\$0	\$1,659,343	\$68,627	\$0	\$2,967,136
0.01%	0.02%	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%
Residential Income							
Parcels: 1	\$164,487	\$0	\$0	\$151,170	\$0	\$0	\$315,657
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

100 Year Zone
COUNTY

	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Rural, Farm, Agricultural							
Parcels: 148	\$19,283,565	\$333,648	\$3,939,430	\$20,471,116	\$2,335,942	\$475,495	\$46,839,196
	0.10%	0.24%	2.47%	0.12%	0.19%	0.05%	0.16%
Vacant Residential Land							
Parcels: 1	\$142,535	\$0	\$0	\$0	\$0	\$0	\$142,535
	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for DRY CREEK							
Parcels: 162	\$21,049,295	\$333,648	\$3,939,430	\$22,519,735	\$2,404,569	\$475,495	\$50,722,172
	0.11%	0.26%	2.47%	0.13%	0.19%	0.05%	0.18%
ORESTIMBA CREEK							
Commercial							
Parcels: 2	\$85,580	\$3,241	\$0	\$209,151	\$2,288	\$0	\$300,260
	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Industrial							
Parcels: 1	\$612,000	\$59,868	\$0	\$204,000	\$52,164	\$0	\$928,032
	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
Non-Assessible, Factored or Exempt							
Parcels: 13	\$125,177	\$124,461	\$0	\$0	\$24,690	\$0	\$274,328
	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

**100 Year Zone
COUNTY**

	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Residential							
Parcels: 22	\$726,968	\$0	\$0	\$1,232,429	\$7,557	\$0	\$1,966,954
0.02%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
Residential Income							
Parcels: 6	\$353,949	\$0	\$29,013	\$307,460	\$3,125	\$0	\$693,547
0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%
Rural, Farm, Agricultural							
Parcels: 164	\$25,480,362	\$2,057,587	\$1,740,377	\$12,625,880	\$3,758,162	\$363,038	\$46,025,406
0.11%	0.31%	0.14%	1.09%	0.07%	0.30%	0.04%	0.16%
Vacant Commerical/Industrial Land							
Parcels: 1	\$65,795	\$0	\$0	\$0	\$0	\$0	\$65,795
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Vacant Residential Land							
Parcels: 5	\$60,484	\$0	\$0	\$14,128	\$0	\$0	\$74,612
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for ORESTIMBA CREEK							
Parcels: 214	\$27,510,315	\$2,245,157	\$1,769,390	\$14,593,048	\$3,847,986	\$363,038	\$50,328,934
0.15%	0.34%	0.15%	1.11%	0.09%	0.31%	0.04%	0.17%

100 Year Zone
COUNTY

	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
SALADO CREEK							
Non-Assessible, Factored or Exempt							
Parcels: 1	\$0	\$0	\$0	\$0	\$4,659	\$0	\$4,659
	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Rural, Farm, Agricultural							
Parcels: 20	\$4,719,249	\$78,278	\$593,231	\$1,207,843	\$478,415	\$3,936	\$7,080,952
	0.06%	0.01%	0.37%	0.01%	0.04%	0.00%	0.02%
Total for SALADO CREEK							
Parcels: 21	\$4,719,249	\$78,278	\$593,231	\$1,207,843	\$483,074	\$3,936	\$7,085,611
	0.06%	0.01%	0.37%	0.01%	0.04%	0.00%	0.02%
SAN JOAQUIN RIVER							
Commercial							
Parcels: 8	\$312,806	\$3,266	\$0	\$470,361	\$12,241	\$365,440	\$1,164,114
	0.01%	0.00%	0.00%	0.00%	0.00%	0.04%	0.00%
Industrial							
Parcels: 1	\$33,846	\$0	\$0	\$48,234	\$0	\$0	\$82,080
	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Non-Assessible, Factored or Exempt							
Parcels: 78	\$5,777,950	\$85,016	\$0	\$37,437	\$1,557,434	\$0	\$7,457,837
	0.05%	0.01%	0.00%	0.00%	0.13%	0.00%	0.03%

100 Year Zone
COUNTY

	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Residential							
Parcels: 21	\$935,899	\$0	\$0	\$782,516	\$0	\$0	\$1,718,415
0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
Rural, Farm, Agricultural							
Parcels: 341	\$45,462,226	\$418,054	\$628,903	\$19,509,519	\$3,569,537	\$723,074	\$70,311,313
0.24%	0.56%	0.03%	0.39%	0.12%	0.29%	0.07%	0.24%
Vacant Residential Land							
Parcels: 2	\$21,584	\$0	\$0	\$0	\$0	\$0	\$21,584
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for SAN JOAQUIN RIVER							
Parcels: 451	\$52,544,311	\$506,336	\$628,903	\$20,848,067	\$5,139,212	\$1,088,514	\$80,755,343
0.31%	0.64%	0.03%	0.39%	0.12%	0.41%	0.11%	0.28%

STANISLAUS RIVER

	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Commercial							
Parcels: 10	\$2,143,764	\$80,662	\$0	\$12,035,758	\$1,436,616	\$125,442	\$15,822,242
0.01%	0.03%	0.01%	0.00%	0.07%	0.12%	0.01%	0.05%
Industrial							
Parcels: 1	\$27,325	\$184,519	\$0	\$104,340	\$757,824	\$0	\$1,074,008
0.00%	0.00%	0.01%	0.00%	0.00%	0.06%	0.00%	0.00%

100 Year Zone
COUNTY

	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Non-Assessible, Factored or Exempt							
Parcels: 49	\$41,290	\$0	\$0	\$0	\$17,825	\$0	\$59,115
	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Residential							
Parcels: 47	\$5,144,354	\$0	\$1,258	\$9,510,813	\$184,743	\$58,800	\$14,899,968
	0.06%	0.00%	0.00%	0.06%	0.01%	0.01%	0.05%
Residential Income							
Parcels: 3	\$776,016	\$70,888	\$479,306	\$551,705	\$513,886	\$6,000	\$2,397,801
	0.01%	0.00%	0.30%	0.00%	0.04%	0.00%	0.01%
Rural, Farm, Agricultural							
Parcels: 301	\$41,393,267	\$1,042,564	\$4,485,482	\$45,405,148	\$4,239,490	\$755,867	\$97,321,818
	0.51%	0.07%	2.81%	0.27%	0.34%	0.08%	0.34%
Vacant Commerical/Industrial Land							
Parcels: 1	\$116,161	\$0	\$0	\$0	\$0	\$0	\$116,161
	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Vacant Residential Land							
Parcels: 34	\$5,645,933	\$0	\$0	\$13,806	\$3,204	\$0	\$5,662,943
	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%

100 Year Zone
COUNTY

Total for STANISLAUS RIVER

	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Parcels: 446	\$55,288,110	\$1,378,633	\$4,966,046	\$67,621,570	\$7,153,588	\$946,109	\$137,354,056
	0.68%	0.09%	3.11%	0.40%	0.58%	0.09%	0.47%

TUOLUMNE RIVER

Commercial

Parcels: 16	\$25,897,119	\$79,510	\$0	\$8,070,153	\$609,341	\$1,075,429	\$35,731,552
	0.32%	0.01%	0.00%	0.05%	0.05%	0.11%	0.12%

Industrial

Parcels: 20	\$7,047,788	\$120,521,645	\$100,100	\$72,743,604	\$69,535,653	\$0	\$269,948,790
	0.09%	8.12%	0.06%	0.43%	5.61%	0.00%	0.93%

Non-Assessible, Factored or Exempt

Parcels: 79	\$278,878	\$224,532	\$40,000	\$40,964	\$1,052,279	\$58,140	\$1,694,793
	0.06%	0.02%	0.03%	0.00%	0.08%	0.01%	0.01%

Residential

Parcels: 244	\$9,403,538	\$0	\$0	\$18,539,868	\$165,713	\$123,810	\$28,232,929
	0.12%	0.00%	0.00%	0.11%	0.01%	0.01%	0.10%

Residential Income

Parcels: 7	\$777,756	\$0	\$132,430	\$309,502	\$0	\$58,373	\$1,278,061
	0.00%	0.00%	0.08%	0.00%	0.00%	0.01%	0.00%

100 Year Zone	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
COUNTY							
Rural, Farm, Agricultural							
Parcels: 288	\$36,057,470	\$4,531,137	\$4,546,853	\$30,783,754	\$9,888,318	\$1,388,403	\$87,195,935
0.20%	0.44%	0.31%	2.85%	0.18%	0.80%	0.14%	0.30%
Vacant Commerical/Industrial Land							
Parcels: 19	\$2,023,606	\$0	\$0	\$442,483	\$0	\$0	\$2,466,089
0.01%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
Vacant Residential Land							
Parcels: 32	\$1,099,715	\$0	\$0	\$0	\$0	\$0	\$1,099,715
0.02%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for TUOLUMNE RIVER							
Parcels: 705	\$82,585,870	\$125,356,824	\$4,819,383	\$130,930,328	\$81,251,304	\$2,704,155	\$427,647,864
0.49%	1.01%	8.44%	3.02%	0.77%	6.56%	0.27%	1.48%
Total for COUNTY							
Parcels: 2160	\$263,881,306	\$131,127,071	\$18,677,745	\$273,180,136	\$102,510,164	\$5,789,957	\$795,166,379
1.50%	3.23%	8.83%	11.69%	1.62%	8.27%	0.58%	2.75%

100 Year Zone	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
HUGHSON							
HUGHSON							
TUOLUMNE RIVER							
Non-Assessible, Factored or Exempt							
Parcels: 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for TUOLUMNE RIVER							
Parcels: 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for HUGHSON							
Parcels: 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

100 Year Zone	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
MODESTO							
MODESTO							
DRY CREEK							
Commercial							
Parcels: 5	\$269,574	\$12,074	\$0	\$612,637	\$58,921	\$0	\$953,206
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Non-Assessible, Factored or Exempt							
Parcels: 51	\$2,736,342	\$16,902	\$0	\$1,541,439	\$475,613	\$0	\$4,770,296
0.04%	0.03%	0.00%	0.00%	0.01%	0.04%	0.00%	0.02%
Residential							
Parcels: 191	\$15,868,860	\$5,580	\$0	\$32,626,290	\$170,798	\$0	\$48,671,528
0.13%	0.19%	0.00%	0.00%	0.19%	0.01%	0.00%	0.17%
Residential Income							
Parcels: 10	\$1,507,583	\$25,676	\$0	\$7,843,205	\$159,036	\$0	\$9,535,500
0.01%	0.02%	0.00%	0.00%	0.05%	0.01%	0.00%	0.03%
Rural, Farm, Agricultural							
Parcels: 1	\$584	\$0	\$0	\$0	\$0	\$0	\$584
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Vacant Commerical/Industrial Land							
Parcels: 5	\$328,038	\$0	\$0	\$0	\$0	\$0	\$328,038
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

100 Year Zone
MODESTO

	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Vacant Residential Land							
Parcels: 12	\$762,493	\$93,657	\$0	\$0	\$28,640	\$0	\$884,790
0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for DRY CREEK							
Parcels: 275	\$21,473,474	\$153,889	\$0	\$42,623,571	\$893,008	\$0	\$65,143,942
0.19%	0.26%	0.01%	0.00%	0.25%	0.07%	0.00%	0.22%
SAN JOAQUIN RIVER							
Non-Assessible, Factored or Exempt							
Parcels: 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for SAN JOAQUIN RIVER							
Parcels: 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TUOLUMNE RIVER							
Commercial							
Parcels: 2	\$77,706	\$0	\$0	\$33,737	\$0	\$31,313	\$142,756
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Industrial							
Parcels: 8	\$1,098,539	\$4,555,682	\$0	\$3,065,181	\$414,127	\$0	\$9,133,529
0.01%	0.01%	0.31%	0.00%	0.02%	0.03%	0.00%	0.03%

**100 Year Zone
MODESTO**

	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Non-Assessible, Factored or Exempt							
Parcels: 50	\$11,367,933	\$512,742	\$0	\$14,303,478	\$68,273,141	\$0	\$94,457,294
	0.14%	0.03%	0.00%	0.08%	5.51%	0.00%	0.33%
Residential							
Parcels: 78	\$2,385,821	\$0	\$0	\$7,009,398	\$19,160	\$0	\$9,414,379
	0.03%	0.00%	0.00%	0.04%	0.00%	0.00%	0.03%
Vacant Commerical/Industrial Land							
Parcels: 3	\$62,718	\$0	\$0	\$0	\$0	\$0	\$62,718
	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Vacant Residential Land							
Parcels: 14	\$373,985	\$0	\$0	\$0	\$0	\$0	\$373,985
	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for TUOLUMNE RIVER							
Parcels: 155	\$15,366,702	\$5,068,424	\$0	\$24,411,794	\$68,706,428	\$31,313	\$113,584,661
	0.11%	0.34%	0.00%	0.14%	5.54%	0.00%	0.39%
Total for MODESTO							
Parcels: 432	\$36,840,176	\$5,222,313	\$0	\$67,035,365	\$69,599,436	\$31,313	\$178,728,603
	0.30%	0.35%	0.00%	0.40%	5.62%	0.00%	0.62%

100 Year Zone	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
NEWMAN							
NEWMAN							
ORESTIMBA CREEK							
Commercial							
Parcels: 99	\$4,889,033	\$2,374,592	\$0	\$15,331,095	\$2,077,256	\$0	\$24,671,976
0.07%	0.06%	0.16%	0.00%	0.09%	0.17%	0.00%	0.09%
Industrial							
Parcels: 9	\$809,884	\$3,205,176	\$0	\$2,375,080	\$891,248	\$0	\$7,281,388
0.01%	0.01%	0.22%	0.00%	0.01%	0.07%	0.00%	0.03%
Non-Assessible, Factored or Exempt							
Parcels: 17	\$1	\$0	\$0	\$0	\$0	\$0	\$1
0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Residential							
Parcels: 338	\$8,218,994	\$0	\$0	\$19,971,634	\$103,226	\$0	\$28,293,854
0.24%	0.10%	0.00%	0.00%	0.12%	0.01%	0.00%	0.10%
Residential Income							
Parcels: 30	\$1,094,481	\$0	\$0	\$4,709,571	\$2,040	\$0	\$5,806,092
0.02%	0.01%	0.00%	0.00%	0.03%	0.00%	0.00%	0.02%
Rural, Farm, Agricultural							
Parcels: 2	\$16,963	\$448	\$1,856	\$34,645	\$45	\$0	\$53,957
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

**100 Year Zone
NEWMAN**

	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Vacant Commerical/Industrial Land							
Parcels: 15	\$1,087,678	\$29,915	\$0	\$152,980	\$7,628	\$0	\$1,278,201
0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Vacant Residential Land							
Parcels: 14	\$391,268	\$0	\$0	\$1,451	\$0	\$0	\$392,719
0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for ORESTIMBA CREEK							
Parcels: 524	\$16,508,302	\$5,610,131	\$1,856	\$42,576,456	\$3,081,443	\$0	\$67,778,188
0.36%	0.20%	0.38%	0.00%	0.25%	0.25%	0.00%	0.23%

SAN JOAQUIN RIVER

Non-Assessible, Factored or Exempt

Parcels: 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Rural, Farm, Agricultural							
Parcels: 1	\$31,928	\$0	\$0	\$86,910	\$0	\$0	\$118,838
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Vacant Residential Land							
Parcels: 1	\$36,388	\$0	\$0	\$0	\$0	\$0	\$36,388
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

100 Year Zone	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
NEWMAN							
Total for SAN JOAQUIN RIVER							
Parcels: 3	\$68,316	\$0	\$0	\$86,910	\$0	\$0	\$155,226
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for NEWMAN							
Parcels: 527	\$16,576,618	\$5,610,131	\$1,856	\$42,663,366	\$3,081,443	\$0	\$67,933,414
0.37%	0.20%	0.38%	0.00%	0.25%	0.25%	0.00%	0.23%

100 Year Zone	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
OAKDALE							
STANISLAUS RIVER							
Commercial							
Parcels: 2	\$2,345,151	\$258,157	\$0	\$1,864,800	\$241,014	\$1,228,414	\$5,937,536
0.00%	0.03%	0.02%	0.00%	0.01%	0.02%	0.12%	0.02%
Non-Assessible, Factored or Exempt							
Parcels: 7	\$61,788	\$0	\$144,188	\$0	\$0	\$0	\$205,976
0.00%	0.00%	0.00%	0.09%	0.00%	0.00%	0.00%	0.00%
Residential							
Parcels: 28	\$1,726,514	\$0	\$0	\$5,640,354	\$0	\$0	\$7,366,868
0.02%	0.02%	0.00%	0.00%	0.03%	0.00%	0.00%	0.03%
Residential Income							
Parcels: 2	\$88,852	\$0	\$8,786	\$265,075	\$9,565	\$0	\$372,278
0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%
Vacant Residential Land							
Parcels: 7	\$662,927	\$0	\$0	\$102,000	\$0	\$0	\$764,927
0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for STANISLAUS RIVER							
Parcels: 46	\$4,885,232	\$258,157	\$152,974	\$7,872,229	\$250,579	\$1,228,414	\$14,647,585
0.03%	0.06%	0.02%	0.10%	0.05%	0.02%	0.12%	0.05%

100 Year Zone		Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
OAKDALE								
Total for OAKDALE								
Parcels: 46		\$4,885,232	\$258,157	\$152,974	\$7,872,229	\$250,579	\$1,228,414	\$14,647,585
0.03%		0.06%	0.02%	0.10%	0.05%	0.02%	0.12%	0.05%

100 Year Zone

PATTERSON

PATTERSON

DEL PUERTO CANYON CR

Commercial

Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Parcels: 19	\$1,714,289	\$0	\$4,550,978	\$362,298	\$0	\$7,176,945
0.01%	0.02%	0.00%	0.03%	0.03%	0.00%	0.02%

Industrial

Parcels: 10	\$1,243,438	\$0	\$4,450,535	\$836,617	\$0	\$10,316,039
0.01%	0.02%	0.00%	0.03%	0.07%	0.00%	0.04%

Non-Assessible, Factored or Exempt

Parcels: 6	\$0	\$0	\$0	\$229,963	\$0	\$229,963
0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%

Residential

Parcels: 390	\$14,074,659	\$0	\$33,763,162	\$87,755	\$0	\$47,925,576
0.27%	0.17%	0.00%	0.20%	0.01%	0.00%	0.17%

Residential Income

Parcels: 13	\$780,559	\$0	\$1,958,597	\$3,754	\$0	\$2,742,910
0.01%	0.01%	0.00%	0.01%	0.00%	0.00%	0.01%

Rural, Farm, Agricultural

Parcels: 1	\$83,785	\$0	\$69,674	\$17,193	\$0	\$170,652
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

100 Year Zone

PATTERSON

Vacant Commerical/Industrial Land

	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Parcels: 12	\$561,865	\$0	\$0	\$293,913	\$0	\$0	\$855,778
0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Vacant Residential Land

Parcels: 5	\$527,922	\$0	\$0	\$0	\$0	\$0	\$527,922
0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Total for DEL PUERTO CANYON CR

Parcels: 456	\$18,986,517	\$4,334,829	\$0	\$45,086,859	\$1,537,580	\$0	\$69,945,785
0.32%	0.23%	0.29%	0.00%	0.27%	0.12%	0.00%	0.24%

SALADO CREEK

Non-Assessible, Factored or Exempt

Parcels: 3	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Residential

Parcels: 31	\$1,864,265	\$0	\$0	\$5,625,954	\$7,766	\$0	\$7,497,985
0.02%	0.02%	0.00%	0.00%	0.03%	0.00%	0.00%	0.03%

Rural, Farm, Agricultural

Parcels: 1	\$19,514	\$0	\$0	\$93,836	\$8,113	\$0	\$121,463
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

100 Year Zone	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
PATTERSON							
Vacant Residential Land							
Parcels: 9	\$2,475,390	\$0	\$0	\$0	\$0	\$0	\$2,475,390
0.01%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
Total for SALADO CREEK							
Parcels: 44	\$4,359,169	\$0	\$0	\$5,719,790	\$15,879	\$0	\$10,094,838
0.03%	0.05%	0.00%	0.00%	0.03%	0.00%	0.00%	0.03%
SAN JOAQUIN RIVER							
Non-Assessible, Factored or Exempt							
Parcels: 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for SAN JOAQUIN RIVER							
Parcels: 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for PATTERSON							
Parcels: 501	\$23,345,686	\$4,334,829	\$0	\$50,806,649	\$1,553,459	\$0	\$80,040,623
0.35%	0.29%	0.29%	0.00%	0.30%	0.13%	0.00%	0.28%

100 Year Zone	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
RIVERBANK							
RIVERBANK							
STANISLAUS RIVER							
Non-Assessible, Factored or Exempt							
Parcels: 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Residential							
Parcels: 12	\$884,171	\$0	\$0	\$1,726,008	\$0	\$0	\$2,610,179
0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
Vacant Residential Land							
Parcels: 6	\$38,747	\$0	\$0	\$0	\$0	\$0	\$38,747
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for STANISLAUS RIVER							
Parcels: 20	\$922,918	\$0	\$0	\$1,726,008	\$0	\$0	\$2,648,926
0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
Total for RIVERBANK							
Parcels: 20	\$922,918	\$0	\$0	\$1,726,008	\$0	\$0	\$2,648,926
0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%

100 Year Zone	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
WATERFORD							
WATERFORD							
TUOLUMNE RIVER							
Commercial							
Parcels: 1	\$207,196	\$50,427	\$0	\$851,197	\$24,408	\$13,963	\$1,147,191
0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%
Non-Assessible, Factored or Exempt							
Parcels: 1	\$0	\$62,707	\$0	\$0	\$989,219	\$0	\$1,051,926
0.00%	0.00%	0.00%	0.00%	0.00%	0.08%	0.00%	0.00%
Rural, Farm, Agricultural							
Parcels: 2	\$222,098	\$0	\$58,301	\$57,434	\$3,850	\$0	\$341,683
0.00%	0.00%	0.00%	0.04%	0.00%	0.00%	0.00%	0.00%
Vacant Residential Land							
Parcels: 1	\$6,286	\$0	\$0	\$0	\$0	\$0	\$6,286
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for TUOLUMNE RIVER							
Parcels: 5	\$435,580	\$113,134	\$58,301	\$908,631	\$1,017,477	\$13,963	\$2,547,086
0.00%	0.01%	0.01%	0.04%	0.01%	0.08%	0.00%	0.01%
Total for WATERFORD							
Parcels: 5	\$435,580	\$113,134	\$58,301	\$908,631	\$1,017,477	\$13,963	\$2,547,086
0.00%	0.01%	0.01%	0.04%	0.01%	0.08%	0.00%	0.01%

100 Year Zone	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
WATERFORD							
Total for 100 Year Zone							
Parcels: 3702	\$347,663,459	\$146,665,635	\$18,890,876	\$446,843,870	\$178,220,723	\$7,063,647	\$1,145,348,210
2.58%	4.26%	9.88%	11.83%	2.64%	14.38%	0.70%	3.96%

500 Year Zone	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
CERES							
500 Year Zone							
CERES							
TUOLUMNE RIVER							
Non-Assessible, Factored or Exempt							
Parcels: 1	\$70,832	\$0	\$0	\$0	\$0	\$0	\$70,832
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for TUOLUMNE RIVER							
Parcels: 1	\$70,832	\$0	\$0	\$0	\$0	\$0	\$70,832
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for CERES							
Parcels: 1	\$70,832	\$0	\$0	\$0	\$0	\$0	\$70,832
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

500 Year Zone
COUNTY

COUNTY

DEL PUERTO CANYON CR

Residential

Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Parcels: 2	\$67,816	\$0	\$140,153	\$0	\$0	\$207,969
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Residential Income

Parcels: 2	\$397,155	\$0	\$6,406	\$0	\$0	\$415,515
0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%

Rural, Farm, Agricultural

Parcels: 53	\$7,287,562	\$239,519	\$4,702,015	\$803,036	\$62,930	\$13,433,384
0.04%	0.09%	0.02%	0.03%	0.06%	0.01%	0.05%

Total for DEL PUERTO CANYON CR

Parcels: 57	\$7,752,533	\$239,519	\$4,848,574	\$803,036	\$62,930	\$14,056,868
0.04%	0.09%	0.02%	0.03%	0.06%	0.01%	0.05%

ORESTIMBA CREEK

Non-Assessible, Factored or Exempt

Parcels: 3	\$115,508	\$0	\$12,500	\$11,530	\$0	\$139,538
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

**500 Year Zone
COUNTY**

	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Residential							
Parcels: 31	\$1,237,129	\$0	\$2,634	\$1,631,223	\$0	\$0	\$2,870,986
0.02%	0.02%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
Residential Income							
Parcels: 6	\$350,776	\$0	\$35,041	\$208,270	\$2,700	\$70,380	\$667,167
0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.01%	0.00%
Rural, Farm, Agricultural							
Parcels: 58	\$10,375,976	\$58,473	\$269,394	\$3,566,711	\$652,934	\$192,235	\$15,115,723
0.04%	0.13%	0.00%	0.17%	0.02%	0.05%	0.02%	0.05%
Vacant Commerical/Industrial Land							
Parcels: 1	\$67,835	\$0	\$0	\$0	\$0	\$0	\$67,835
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Vacant Residential Land							
Parcels: 4	\$249,808	\$0	\$0	\$0	\$0	\$0	\$249,808
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for ORESTIMBA CREEK							
Parcels: 103	\$12,397,032	\$58,473	\$307,069	\$5,418,704	\$667,164	\$262,615	\$19,111,057
0.07%	0.15%	0.00%	0.19%	0.03%	0.05%	0.03%	0.07%

500 Year Zone
COUNTY

SALADO CREEK

Rural, Farm, Agricultural

Parcels: 17	\$2,047,009	\$0	\$13,637	\$1,345,623	\$15,301	\$0	\$3,421,570
0.01%	0.03%	0.00%	0.01%	0.01%	0.00%	0.00%	0.01%

Total for SALADO CREEK

Parcels: 17	\$2,047,009	\$0	\$13,637	\$1,345,623	\$15,301	\$0	\$3,421,570
0.01%	0.03%	0.00%	0.01%	0.01%	0.00%	0.00%	0.01%

SAN JOAQUIN RIVER

Non-Assessible, Factored or Exempt

Parcels: 7	\$3,564,498	\$0	\$0	\$282,361	\$0	\$0	\$3,846,859
0.00%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%

Rural, Farm, Agricultural

Parcels: 58	\$8,988,626	\$3,772,883	\$241,006	\$5,679,080	\$984,595	\$303,653	\$19,969,843
0.04%	0.11%	0.25%	0.15%	0.03%	0.08%	0.03%	0.07%

Total for SAN JOAQUIN RIVER

Parcels: 65	\$12,553,124	\$3,772,883	\$241,006	\$5,961,441	\$984,595	\$303,653	\$23,816,702
0.05%	0.15%	0.25%	0.15%	0.04%	0.08%	0.03%	0.08%

**500 Year Zone
COUNTY**

TUOLUMNE RIVER

Commercial

	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Parcels: 59	\$4,596,435	\$487,186	\$0	\$6,511,147	\$557,144	\$459,709	\$12,611,621
	0.06%	0.03%	0.00%	0.04%	0.04%	0.05%	0.04%

Industrial

Parcels: 37	\$4,678,478	\$2,302,683	\$0	\$10,579,380	\$7,401,584	\$30,538	\$24,992,663
	0.06%	0.16%	0.00%	0.06%	0.60%	0.00%	0.09%

Non-Assessible, Factored or Exempt

Parcels: 8	\$2,671,436	\$158,666	\$0	\$1,354,799	\$825,022	\$0	\$5,009,923
	0.03%	0.01%	0.00%	0.01%	0.07%	0.00%	0.02%

Residential

Parcels: 831	\$18,546,770	\$1,577	\$0	\$41,080,481	\$132,857	\$14,000	\$59,775,685
	0.23%	0.00%	0.00%	0.24%	0.01%	0.00%	0.21%

Residential Income

Parcels: 77	\$2,779,847	\$9,464	\$0	\$5,000,542	\$65,347	\$3,521	\$7,858,721
	0.03%	0.00%	0.00%	0.03%	0.01%	0.00%	0.03%

Rural, Farm, Agricultural

Parcels: 112	\$8,840,360	\$70,067	\$1,036,460	\$9,375,097	\$1,162,252	\$162,595	\$20,646,831
	0.08%	0.11%	0.65%	0.06%	0.09%	0.02%	0.07%

500 Year Zone	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
COUNTY							
Vacant Commerical/Industrial Land							
Parcels: 14	\$1,470,208	\$0	\$0	\$10,487	\$0	\$0	\$1,480,695
0.01%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
Vacant Residential Land							
Parcels: 30	\$903,084	\$0	\$0	\$87,649	\$0	\$0	\$990,733
0.02%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for TUOLUMNE RIVER							
Parcels: 1168	\$44,486,618	\$3,029,643	\$1,036,460	\$73,999,582	\$10,144,206	\$670,363	\$133,366,872
0.81%	0.54%	0.20%	0.65%	0.44%	0.82%	0.07%	0.46%
Total for COUNTY							
Parcels: 1410	\$79,236,316	\$7,100,518	\$1,948,448	\$91,573,924	\$12,614,302	\$1,299,561	\$193,773,069
0.98%	0.97%	0.48%	1.22%	0.54%	1.02%	0.13%	0.67%

500 Year Zone	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
MODESTO							
MODESTO							
DRY CREEK							
Commercial							
Parcels: 2	\$244,172	\$0	\$0	\$18,298	\$0	\$0	\$262,470
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Industrial							
Parcels: 1	\$50,891	\$260,716	\$0	\$39,488	\$47,626	\$0	\$398,721
0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%
Residential							
Parcels: 73	\$4,280,730	\$0	\$0	\$9,701,597	\$35,667	\$0	\$14,017,994
0.05%	0.05%	0.00%	0.00%	0.06%	0.00%	0.00%	0.05%
Residential Income							
Parcels: 4	\$150,795	\$0	\$0	\$678,266	\$0	\$0	\$829,061
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Vacant Commerical/Industrial Land							
Parcels: 2	\$4,509	\$0	\$0	\$0	\$0	\$0	\$4,509
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Vacant Residential Land							
Parcels: 3	\$118,198	\$0	\$0	\$0	\$0	\$0	\$118,198
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

500 Year Zone
MODESTO

	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Total for DRY CREEK							
Parcels: 85	\$4,849,295	\$260,716	\$0	\$10,437,649	\$83,293	\$0	\$15,630,953
0.06%	0.06%	0.02%	0.00%	0.06%	0.01%	0.00%	0.05%

SAN JOAQUIN RIVER

Non-Assessible, Factored or Exempt

Parcels: 4	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Total for SAN JOAQUIN RIVER

Parcels: 4	\$0	\$0	\$0	\$0	\$0	\$0	\$0
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

TUOLUMNE RIVER

Commercial

Parcels: 5	\$494,302	\$139,498	\$0	\$2,887,679	\$225,685	\$0	\$3,747,164
0.00%	0.01%	0.01%	0.00%	0.02%	0.02%	0.00%	0.01%

Industrial

Parcels: 15	\$4,627,615	\$829,109	\$0	\$7,017,958	\$1,419,424	\$0	\$13,894,106
0.01%	0.06%	0.06%	0.00%	0.04%	0.11%	0.00%	0.05%

Non-Assessible, Factored or Exempt

Parcels: 51	\$153,244	\$23,423	\$0	\$303,813	\$69,216	\$0	\$549,696
0.04%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%

500 Year Zone		Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
MODESTO								
Residential								
Parcels: 774	\$21,294,391	\$0	\$0	\$53,685,922	\$104,459	\$12,100	\$75,096,872	
0.54%	0.26%	0.00%	0.00%	0.32%	0.01%	0.00%	0.26%	
Residential Income								
Parcels: 102	\$4,710,879	\$5,231	\$0	\$10,822,069	\$20,264	\$0	\$15,558,443	
0.07%	0.06%	0.00%	0.00%	0.06%	0.00%	0.00%	0.05%	
Vacant Commerical/Industrial Land								
Parcels: 12	\$1,744,281	\$0	\$0	\$326,168	\$0	\$0	\$2,070,449	
0.01%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	
Vacant Residential Land								
Parcels: 6	\$94,908	\$0	\$0	\$6,286	\$0	\$0	\$101,194	
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Total for TUOLUMNE RIVER								
Parcels: 965	\$33,119,620	\$997,261	\$0	\$75,049,895	\$1,839,048	\$12,100	\$111,017,924	
0.67%	0.41%	0.07%	0.00%	0.44%	0.15%	0.00%	0.38%	
Total for MODESTO								
Parcels: 1054	\$37,968,915	\$1,257,977	\$0	\$85,487,544	\$1,922,341	\$12,100	\$126,648,877	
0.73%	0.46%	0.08%	0.00%	0.51%	0.16%	0.00%	0.44%	

500 Year Zone	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
NEWMAN							
NEWMAN							
ORESTIMBA CREEK							
Commercial							
Parcels: 3	\$100,669	\$1,922	\$0	\$717,570	\$48,965	\$0	\$869,126
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Industrial							
Parcels: 7	\$626,660	\$348,015	\$0	\$1,308,629	\$347,511	\$0	\$2,630,815
0.00%	0.01%	0.02%	0.00%	0.01%	0.03%	0.00%	0.01%
Non-Assessible, Factored or Exempt							
Parcels: 18	\$0	\$143,744	\$0	\$0	\$802,445	\$0	\$946,189
0.01%	0.00%	0.01%	0.00%	0.00%	0.06%	0.00%	0.00%
Residential							
Parcels: 479	\$11,328,785	\$0	\$0	\$29,943,239	\$140,483	\$0	\$41,412,507
0.33%	0.14%	0.00%	0.00%	0.18%	0.01%	0.00%	0.14%
Residential Income							
Parcels: 8	\$235,837	\$0	\$0	\$633,817	\$0	\$0	\$869,654
0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Rural, Farm, Agricultural							
Parcels: 1	\$3,479	\$0	\$0	\$0	\$0	\$0	\$3,479
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

500 Year Zone	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
NEWMAN							
Vacant Commerical/Industrial Land							
Parcels: 7	\$232,177	\$0	\$0	\$0	\$0	\$0	\$232,177
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Vacant Residential Land							
Parcels: 16	\$300,844	\$0	\$0	\$1,718	\$0	\$0	\$302,562
0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for ORESTIMBA CREEK							
Parcels: 539	\$12,828,451	\$493,681	\$0	\$32,604,973	\$1,339,404	\$0	\$47,266,509
0.38%	0.16%	0.03%	0.00%	0.19%	0.11%	0.00%	0.16%
Total for NEWMAN							
Parcels: 539	\$12,828,451	\$493,681	\$0	\$32,604,973	\$1,339,404	\$0	\$47,266,509
0.38%	0.16%	0.03%	0.00%	0.19%	0.11%	0.00%	0.16%

500 Year Zone	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
PATTERSON							
PATTERSON							
DEL PUERTO CANYON CR							
Commercial							
Parcels: 72	\$3,038,383	\$840,998	\$0	\$9,445,950	\$806,106	\$0	\$14,131,437
0.05%	0.04%	0.06%	0.00%	0.06%	0.07%	0.00%	0.05%
Industrial							
Parcels: 2	\$90,469	\$0	\$0	\$105,475	\$10,035	\$0	\$205,979
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Non-Assessible, Factored or Exempt							
Parcels: 21	\$425,911	\$310,867	\$0	\$103,652	\$1,769,908	\$0	\$2,610,338
0.01%	0.01%	0.02%	0.00%	0.00%	0.14%	0.00%	0.01%
Residential							
Parcels: 599	\$18,907,342	\$21,472	\$0	\$46,004,825	\$261,306	\$0	\$65,194,945
0.42%	0.23%	0.00%	0.00%	0.27%	0.02%	0.00%	0.23%
Residential Income							
Parcels: 21	\$888,066	\$2,350	\$0	\$2,239,527	\$4,581	\$0	\$3,134,524
0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
Vacant Commerical/Industrial Land							
Parcels: 10	\$166,381	\$0	\$0	\$0	\$0	\$0	\$166,381
0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

500 Year Zone

PATTERSON

	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Vacant Residential Land							
Parcels: 2	\$21,992	\$0	\$0	\$1,935	\$0	\$0	\$23,927
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for DEL PUERTO CANYON CR							
Parcels: 727	\$23,538,544	\$1,175,687	\$0	\$57,901,364	\$2,851,936	\$0	\$85,467,531
0.51%	0.29%	0.08%	0.00%	0.34%	0.23%	0.00%	0.30%
SALADO CREEK							
Commercial							
Parcels: 25	\$2,973,150	\$1,670,097	\$0	\$10,050,738	\$1,325,836	\$0	\$16,019,821
0.02%	0.04%	0.11%	0.00%	0.06%	0.11%	0.00%	0.06%
Industrial							
Parcels: 6	\$456,671	\$20,815	\$0	\$1,766,872	\$85,815	\$0	\$2,330,173
0.00%	0.01%	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%
Non-Assessible, Factored or Exempt							
Parcels: 24	\$227,097	\$204,924	\$0	\$518,280	\$286,301	\$0	\$1,236,602
0.02%	0.00%	0.01%	0.00%	0.00%	0.02%	0.00%	0.00%
Residential							
Parcels: 1519	\$61,586,668	\$0	\$0	\$187,141,806	\$497,387	\$0	\$249,225,861
1.06%	0.75%	0.00%	0.00%	1.11%	0.04%	0.00%	0.86%

500 Year Zone		Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
PATTERSON								
Residential Income								
Parcels: 50	\$1,431,831	\$0	\$3,666	\$3,452,246	\$92,249	\$0	\$0	\$4,979,992
0.03%	0.02%	0.00%	0.00%	0.02%	0.01%	0.00%	0.00%	0.02%
Vacant Commerical/Industrial Land								
Parcels: 5	\$1,099,468	\$0	\$0	\$10,612	\$0	\$0	\$0	\$1,110,080
0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Vacant Residential Land								
Parcels: 609	\$23,644,060	\$0	\$0	\$0	\$0	\$0	\$0	\$23,644,060
0.42%	0.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.08%
Total for SALADO CREEK								
Parcels: 2238	\$91,418,945	\$1,895,836	\$3,666	\$202,940,554	\$2,287,588	\$0	\$0	\$298,546,589
1.56%	1.12%	0.13%	0.00%	1.20%	0.18%	0.00%	0.00%	1.03%
Total for PATTERSON								
Parcels: 2965	\$114,957,489	\$3,071,523	\$3,666	\$260,841,918	\$5,139,524	\$0	\$0	\$384,014,120
2.06%	1.41%	0.21%	0.00%	1.54%	0.41%	0.00%	0.00%	1.33%

500 Year Zone		Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
PATTERSON								
Total for 500 Year Zone								
Parcels: 5969	\$245,062,003	\$11,923,699	\$1,952,114	\$470,508,359	\$21,015,571	\$1,311,661	\$751,773,407	
4.16%	3.00%	0.80%	1.22%	2.78%	1.70%	0.13%	2.60%	

500 Year Zone		Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
PATTERSON								
Grand Total	Parcels: 9671	\$592,725,462	\$158,589,334	\$20,842,990	\$917,352,229	\$199,236,294	\$8,375,308	\$1,897,121,617
% of County	6.73%	7.26%	10.68%	13.05%	5.43%	16.07%	0.83%	6.55%



Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Existing Facilities Hazard: Flood

Flood Zone	Flood River	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
100 Year Flood Zone								
SALADO CREEK								
		047-22-33	Patterson WIC Office	L	\$96,000	\$20,455	\$0	\$116,455
SALADO CREEK Total:				Count = 1	\$96,000	\$20,455	\$0	\$116,455
% of County Facilities				1.10%	0.02%	0.02%	0.00%	0.02%
SAN JOAQUIN RIVER								
		016-26-10	Honor Farm	O	\$5,264,910	\$1,242,824	\$0	\$6,507,734
SAN JOAQUIN RIVER Total:				Count = 1	\$5,264,910	\$1,242,824	\$0	\$6,507,734
% of County Facilities				1.10%	1.33%	1.44%	0.00%	1.31%
TUOLUMNE RIVER								
		018-05-03	Fox Grove Regional Park	O	\$135,000	\$0	\$0	\$135,000
TUOLUMNE RIVER Total:				Count = 1	\$135,000	\$0	\$0	\$135,000
% of County Facilities				1.10%	0.03%	0.00%	0.00%	0.03%
100 Year Floodzone Total:				Count = 3	\$5,495,910	\$1,263,279	\$0	\$6,759,189
% of County Facilities				3.30%	1.39%	1.47%	0.00%	1.36%

Flood Zone	Flood River	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
500 Year Flood Zone								
ORESTIMBA CREEK								
		128-05-44	Newman Branch Library	O	\$418,080	\$446,541	\$0	\$864,621
		ORESTIMBA CREEK Total:		Count = 1	\$418,080	\$446,541	\$0	\$864,621
		% of County Facilities		1.10%	0.11%	0.52%	0.00%	0.17%
SALADO CREEK								
		131-14-20	Patterson Branch Library	O	\$1,088,000	\$761,282	\$0	\$1,849,282
		131-04-01	Public Works Patterson Yard	O	\$168,634	\$46,720	\$0	\$215,354
		131-15-49	Behavioral Health and Recovery Services	L	\$404,800	\$0	\$0	\$404,800
		SALADO CREEK Total:		Count = 3	\$1,661,434	\$808,002	\$0	\$2,469,436
		% of County Facilities		3.30%	0.42%	0.94%	0.00%	0.50%
		500 Year Floodzone Total:		Count = 4	\$2,079,514	\$1,254,543	\$0	\$3,334,057
		% of County Facilities		4.40%	0.53%	1.46%	0.00%	0.67%
		Grand Total		Count = 7	\$7,575,424	\$2,517,822	\$0	\$10,093,246
		% of County Facilities		7.69%	1.92%	2.92%	0.00%	2.03%



Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Future Facilities
Hazard: Flood

Flood Zone	Flood River	APN	Description	Prop Value	Pers Value	Rent Value	Total Value
				\$0	\$0	\$0	\$0
				0.00%	0.00%	0.00%	0.00%
Grand Total				\$0	\$0	\$0	\$0
% of County Facilities				0.00%	0.00%	0.00%	0.00%

Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Drainage Districts
Hazard: Flood



Flood Zone	Flood River	Co No	Sub Division	Location	Cost
Grand Total					
% of County Total					
				\$0	\$0
				0.00%	0.00%



Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Bridges Hazard: Flood

Flood Zone	Flood River	Bridge #	Crossing	Road Name	Type	Cost
100 Year Flood Zone						
DEL PUERTO CANYON						
		38C-0215	DEL PUERTO CREEK	ROGERS	Slab	\$496,783
			DEL PUERTO CANYON Total:			\$496,783
			% of County Bridges			0.16%
DRY CREEK						
		38C-0025	DRY CREEK	ALBERS	Girder	\$2,577,613
		38C-0038	DRY CREEK	WELLSFORD	Girder	\$2,633,701
		38C-0047	DRY CREEK	CHURCH	Girder	\$3,908,029
		38C-0055	DRY CREEK	OAKDALE-WATERFORD	Girder	\$4,183,401
			DRY CREEK Total:			\$13,302,744
			% of County Bridges			4.27%
ORESTIMBA CREEK						
		38C-0011	ORESTIMBA CREEK	ORESTIMBA	Slab	\$1,224,969
		38C-0012	ORESTIMBA CREEK	ANDERSON	Slab	
		38C-0031	SAN JOAQUIN & KINGS RIVER CANAL	STUHR	Girder	\$660,940
		38C-0042	ORESTIMBA CREEK	MORRIS	Slab	

Flood Zone	Flood River	Bridge #	Crossing	Road Name	Type	Cost
		38C-0096	SAN JOAQUIN & KINGS RIVER CANAL	CROWS LANDING	Girder	\$726,440
		38C-0180	SAN JOAQUIN & KINGS RIVER CANAL	SHELLS	Girder	\$482,502
		38C-0183	SAN JOAQUIN & KINGS RIVER CANAL	ANDERSON	Girder	\$430,453
		38C-0203	SAN JOAQUIN & KINGS RIVER CANAL	DRAPER	Girder	\$671,076
		38C-0204	SAN JOAQUIN & KINGS RIVER CANAL	ORESTIMBA	Girder	\$632,134
		38C-0208	SAN JOAQUIN & KINGS RIVER CANAL	FIFTH	Girder	\$430,453
ORESTIMBA CREEK Total:			Count = 10			\$5,258,967
% of County Bridges			4.26%			1.69%
SALADO CREEK						
		38C-0104	SALADO CREEK	SPERRY	Slab	\$173,958
		38C-0189	SALADO CREEK	WARD	Slab	\$173,604
		38C-0216	SALADO CREEK	OLIVE	Slab	\$268,464
SALADO CREEK Total:			Count = 3			\$616,025
% of County Bridges			1.28%			0.20%
SAN JOAQUIN						
		38C-0010	SAN JOAQUIN RIVER	CROWS LANDING	Girder	\$6,857,073
		38C-0016	SAN JOAQUIN RIVER	GRAYSON	Girder	\$2,610,382
		38C-0027	LAIRD SLOUGH	GRAYSON	Slab	\$2,942,850
		38C-0033	SAN JOAQUIN RIVER	LAS PALMAS	Girder	\$7,450,151
		38C-0219	WESTLEY WASTEWAY	COX	Slab	\$272,316
		39C-0001	SAN JOAQUIN RIVER	HILLS FERRY	Girder	\$2,571,456

Flood Zone	Flood River	Bridge #	Crossing	Road Name	Type	Cost
SAN JOAQUIN Total:						
			Count = 6			
% of County Bridges			2.55%			
STANISLAUS						
		38C-0001	STANISLAUS RIVER	ORANGE BLOSSOM	Girder	\$6,359,977
		38C-0002	DRY SLOUGH	McHENRY	Slab	\$2,389,912
		38C-0032	STANISLAUS RIVER	McHENRY	Girder	\$12,271,516
		38C-0317	STANISLAUS RIVER	SONORA	Slab	\$3,552,000
STANISLAUS Total:						
			Count = 4			
% of County Bridges			1.70%			
TUOLUMNE						
		38C-0003	TUOLUMNE RIVER	SANTA FE	Girder	\$4,944,820
		38C-0004	TUOLUMNE RIVER	HICKMAN	Girder	\$7,734,211
		38C-0005	TUOLUMNE RIVER	ROBERTS FERRY	Girder	\$4,956,000
		38C-0018	TUOLUMNE RIVER	SHILOH	Girder	\$4,679,087
		38C-0023	TUOLUMNE RIVER	SEVENTH	Girder	\$18,585,000
		38C-0044	TUOLUMNE RIVER	MITCHELL	Girder	\$20,454,013
		38C-0048	TUOLUMNE RIVER	GEER	Girder	\$7,769,190
		38C-0050	TUOLUMNE RIVER	CARPENTER	Girder	\$7,485,473
		38C-0061	TUOLUMNE RIVER	NINTH	Girder	\$60,180,000
		38C-0145	TUOLUMNE RIVER	LA GRANGE	Girder	\$7,062,221
TUOLUMNE Total:						
			Count = 10			
% of County Bridges			4.26%			
						\$22,704,227
						7.28%
						\$24,573,405
						7.88%
						\$143,850,014
						46.12%

Flood Zone	Flood River	Bridge #	Crossing	Road Name	Type	Cost
100 Year Floodzone Total:						
			Count = 38			\$210,802,166
			16.17%			67.59%
<hr/>						
500 Year Flood Zone						
TUOLUMNE						
		38C-0129	RIVER ROAD UNDERPASS	RIVER	Slab	
		38C-0274	MID LATERAL #5	PAULINE	Slab	\$112,069
		TUOLUMNE Total:				\$112,069
		% of County Bridges				0.04%
<hr/>						
500 Year Floodzone Total:						
			Count = 2			\$112,069
			0.85%			0.04%
<hr/>						
Grand Total						
			Count = 40			\$210,914,235
			17.02%			67.63%



Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Lighting Districts
Hazard: Flood

Flood Zone	Flood River	District	Title	Number	Cost
100 Year Flood Zone					
ORESTIMBA CREEK					
		CROWS LANDING		21	\$76,797
ORESTIMBA CREEK Total:				Count = 21	\$76,797
% of County Total				1.23%	1.23%
STANISLAUS RIVER					
		NORTH OAKS - B		18*	\$65,826
		SUNSET OAKS - A		48*	\$175,536
		SUNSET OAKS - C		14*	\$51,198
STANISLAUS RIVER Total:				Count = 80	\$292,560
% of County Total				4.68%	4.68%

* Indicates that the count is an estimate

Flood Zone	Flood River	District	Title	Number	Cost
	TUOLUMNE RIVER				
		AIRPORT NEIGHBORHOOD		64	\$234,048
		RIVERDALE LANDSCAPE AND LIGHTING	RIVERDALE LANDSCAPE & LIGHT.	36	\$131,652
		RIVERVIEW LANDSCAPE & LIGHT.	RIVERVIEW LANDSCAPE & LIGHT.	40	\$146,280
		TUOLUMNE RIVER Total:		Count = 140	\$511,980
		% of County Total		8.19%	8.19%
		100 Year Floodzone Total:		Count = 241	\$881,337
		% of County Total		14.09%	14.09%
		Grand Total		Count = 241	\$881,337
		% of County Total		14.09%	14.09%

* Indicates that the count is an estimate

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Traffic Signals Hazard: Flood



Flood Zone	Flood River	Location	Cost
500 Year Flood Zone			
	TUOLUMNE		
		CARPENTER AND PARADISE	\$175,000
	TUOLUMNE Total:		\$175,000
	% of County Beacons	Count = 1	5.00%
		5.00%	5.00%
<hr/>			
	500 Year Floodzone Total:		\$175,000
	% of County Beacons	Count = 1	5.00%
		5.00%	5.00%
<hr/>			
	Grand Total		\$175,000
	% of County Beacons	Count = 1	5.00%
		5.00%	5.00%



Stanislaus County
Multi-Jurisdictional Hazard Mitigation Plan

Appendix C
Inundation Hazard
Don Pedro Reservoir

Population and Housing
Parcel Valuation
County Facilities (Existing and New)
Infrastructure: Bridges
Drainage Districts
Lighting
Traffic Signals

Stanislaus County Local Hazard Mitigation Plan

Population and Housing Units by Jurisdiction Hazard: Don Pedro Inundation



JURISDICTION	Housing Units	Population
CERES		
Total	301	1,123
% of County Total	0.20%	0.25%
COUNTY		
Total	7,662	23,556
% of County Total	5.08%	5.27%
HUGHSON		
Total	1,274	4,041
% of County Total	0.84%	0.90%
MODESTO		
Total	10,066	31,515
% of County Total	6.67%	7.05%
WATERFORD		
Total	2,080	6,924
% of County Total	1.38%	1.55%
Grand Total	21,383	67,159
% of County Total	14.18%	15.02%



Stanislaus County Local Hazard Mitigation Plan Total Property Value by Jurisdiction Hazard: Don Pedro Inundation

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
CERES								
	Commercial							
		\$241,975	\$3,444	\$0	\$814,692	\$204,188	\$0	\$1,264,299
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%
	Non-Assessible, Factored o							
		\$70,832	\$0	\$0	\$0	\$0	\$0	\$70,832
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Residential							
		\$6,057,201	\$0	\$0	\$13,856,622	\$46,320	\$0	\$19,960,143
	% of County Total	0.07%	0.00%	0.00%	0.08%	0.00%	0.00%	0.07%
	Rural, Farm, Agricultural							
		\$115,256	\$0	\$2,018	\$11,265	\$0	\$0	\$128,539
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Vacant Residential Land							
		\$1,042,576	\$0	\$0	\$0	\$0	\$0	\$1,042,576
	% of County Total	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Total for CERES		\$7,527,840	\$3,444	\$2,018	\$14,682,579	\$250,508	\$0	\$22,466,389
% of County Total		0.09%	0.00%	0.00%	0.09%	0.02%	0.00%	0.08%
COUNTY								
Commercial		\$39,043,644	\$1,532,414	\$65,843	\$36,079,334	\$3,250,621	\$3,370,118	\$83,341,974
% of County Total		0.48%	0.10%	0.04%	0.21%	0.26%	0.34%	0.29%
Industrial		\$82,142,907	\$417,341,792	\$300,300	\$403,669,313	\$180,816,693	\$228,258	\$1,084,499,263
% of County Total		1.01%	28.10%	0.19%	2.39%	14.59%	0.02%	3.74%
Non-Assessible, Factored o		\$4,125,669	\$2,345,631	\$122,800	\$3,117,606	\$44,684,725	\$157,672	\$54,554,103
% of County Total		0.05%	0.16%	0.08%	0.02%	3.61%	0.02%	0.19%
Residential		\$70,091,413	\$359,018	\$12,418	\$145,732,957	\$1,024,472	\$258,701	\$217,478,979
% of County Total		0.86%	0.02%	0.01%	0.86%	0.08%	0.03%	0.75%
Residential Income		\$8,357,840	\$9,464	\$304,899	\$13,908,888	\$77,736	\$61,894	\$22,720,721
% of County Total		0.10%	0.00%	0.19%	0.08%	0.01%	0.01%	0.08%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Rural, Farm, Agricultural							
		\$304,200,331	\$22,125,837	\$46,072,773	\$289,546,386	\$45,926,899	\$7,879,986	\$715,752,212
	% of County Total	3.72%	1.49%	28.84%	1.71%	3.71%	0.79%	2.47%
	Vacant Commerical/Industr							
		\$9,801,406	\$21,643	\$0	\$899,053	\$65,755	\$8,500	\$10,796,357
	% of County Total	0.12%	0.00%	0.00%	0.01%	0.01%	0.00%	0.04%
	Vacant Residential Land							
		\$6,103,849	\$0	\$280,630	\$166,427	\$14,829	\$0	\$6,565,735
	% of County Total	0.07%	0.00%	0.18%	0.00%	0.00%	0.00%	0.02%
Total for COUNTY		\$523,867,059	\$443,735,799	\$47,159,663	\$893,119,964	\$275,861,730	\$11,965,129	\$2,195,709,344
% of County Total		6.41%	29.88%	29.52%	5.28%	22.26%	1.19%	7.58%

HUGHSON

	Commercial							
		\$4,781,839	\$1,097,989	\$0	\$33,466,237	\$788,368	\$405,342	\$40,539,775
	% of County Total	0.06%	0.07%	0.00%	0.20%	0.06%	0.04%	0.14%
	Industrial							
		\$1,542,331	\$2,585,129	\$0	\$4,771,658	\$954,902	\$0	\$9,854,020
	% of County Total	0.02%	0.17%	0.00%	0.03%	0.08%	0.00%	0.03%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Non-Assessible, Factored o								
		\$46,018	\$119,453	\$0	\$0	\$921,804	\$0	\$1,087,275
	% of County Total	0.00%	0.01%	0.00%	0.00%	0.07%	0.00%	0.00%
Residential								
		\$40,263,111	\$410	\$0	\$105,934,655	\$650,531	\$0	\$146,848,707
	% of County Total	0.49%	0.00%	0.00%	0.63%	0.05%	0.00%	0.51%
Residential Income								
		\$1,844,545	\$0	\$0	\$4,055,999	\$23,460	\$30,300	\$5,954,304
	% of County Total	0.02%	0.00%	0.00%	0.02%	0.00%	0.00%	0.02%
Rural, Farm, Agricultural								
		\$450,442	\$0	\$164,108	\$344,873	\$27,342	\$32,900	\$1,019,665
	% of County Total	0.01%	0.00%	0.10%	0.00%	0.00%	0.00%	0.00%
Vacant Commerical/Industr								
		\$452,993	\$0	\$0	\$14,165	\$0	\$0	\$467,158
	% of County Total	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Vacant Residential Land								
		\$2,327,832	\$0	\$4,393	\$274,940	\$0	\$0	\$2,607,165
	% of County Total	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
Total for HUGHSON								
		\$51,709,111	\$3,802,981	\$168,501	\$148,862,527	\$3,366,407	\$468,542	\$208,378,069
	% of County Total	0.63%	0.26%	0.11%	0.88%	0.27%	0.05%	0.72%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
MODESTO								
	Commercial							
	% of County Total	\$18,780,560 0.23%	\$3,779,211 0.25%	\$0 0.00%	\$34,442,209 0.20%	\$4,755,830 0.38%	\$31,313 0.00%	\$61,789,123 0.21%
	Industrial							
	% of County Total	\$3,683,745 0.05%	\$5,075,432 0.34%	\$0 0.00%	\$13,657,372 0.08%	\$925,396 0.07%	\$0 0.00%	\$23,341,945 0.08%
	Non-Assessible, Factored o							
	% of County Total	\$14,257,519 0.17%	\$553,067 0.04%	\$0 0.00%	\$16,144,229 0.10%	\$68,940,373 5.56%	\$0 0.00%	\$99,895,188 0.34%
	Residential							
	% of County Total	\$253,623,053 3.11%	\$5,580 0.00%	\$0 0.00%	\$593,025,662 3.51%	\$2,230,663 0.18%	\$0 0.00%	\$848,884,958 2.93%
	Residential Income							
	% of County Total	\$22,047,052 0.27%	\$30,907 0.00%	\$0 0.00%	\$70,772,168 0.42%	\$362,557 0.03%	\$0 0.00%	\$93,212,684 0.32%
	Rural, Farm, Agricultural							
	% of County Total	\$584 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$584 0.00%
	Vacant Commerical/Industr							
	% of County Total	\$5,338,563 0.07%	\$0 0.00%	\$0 0.00%	\$413,662 0.00%	\$0 0.00%	\$0 0.00%	\$5,752,225 0.02%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Vacant Residential Land								
		\$2,261,913	\$93,657	\$35,648	\$533,997	\$36,174	\$0	\$2,961,389
	% of County Total	0.03%	0.01%	0.02%	0.00%	0.00%	0.00%	0.01%
Total for MODESTO								
		\$319,992,989	\$9,537,854	\$35,648	\$728,989,299	\$77,250,993	\$31,313	\$1,135,838,096
	% of County Total	3.92%	0.64%	0.02%	4.31%	6.23%	0.00%	3.92%
WATERFORD								
Commercial								
		\$7,859,528	\$1,781,820	\$0	\$17,551,203	\$1,340,655	\$180,299	\$28,713,505
	% of County Total	0.10%	0.12%	0.00%	0.10%	0.11%	0.02%	0.10%
Industrial								
		\$1,554,583	\$611,818	\$0	\$2,535,659	\$1,574,222	\$2,081	\$6,278,363
	% of County Total	0.02%	0.04%	0.00%	0.02%	0.13%	0.00%	0.02%
Non-Assessible, Factored o								
		\$2,371,852	\$89,104	\$0	\$674,709	\$1,328,513	\$0	\$4,464,178
	% of County Total	0.03%	0.01%	0.00%	0.00%	0.11%	0.00%	0.02%
Residential								
		\$56,630,899	\$0	\$0	\$132,621,874	\$811,549	\$298,881	\$190,363,203
	% of County Total	0.69%	0.00%	0.00%	0.78%	0.07%	0.03%	0.66%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Residential Income								
		\$5,496,962	\$0	\$0	\$18,078,817	\$124,348	\$6,221	\$23,706,348
	% of County Total	0.07%	0.00%	0.00%	0.11%	0.01%	0.00%	0.08%
Rural, Farm, Agricultural								
		\$413,042	\$0	\$58,301	\$539,977	\$3,850	\$0	\$1,015,170
	% of County Total	0.01%	0.00%	0.04%	0.00%	0.00%	0.00%	0.00%
Vacant Commerical/Industr								
		\$2,221,611	\$0	\$0	\$16,718	\$0	\$0	\$2,238,329
	% of County Total	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
Vacant Residential Land								
		\$2,677,761	\$0	\$0	\$843,931	\$0	\$0	\$3,521,692
	% of County Total	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
Total for WATERFORD								
		\$79,226,238	\$2,482,742	\$58,301	\$172,862,888	\$5,183,137	\$487,482	\$260,300,788
	% of County Total	0.97%	0.17%	0.04%	1.02%	0.42%	0.05%	0.90%
Grand Total								
		\$982,323,237	\$459,562,820	\$47,424,131	\$1,958,517,257	\$361,912,775	\$12,952,466	\$3,822,692,686
	% of County Total	12.03%	30.95%	29.69%	11.59%	29.20%	1.29%	13.20%



Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Existing Facilities Hazard: Don Pedro Inundation

Jurisdiction	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
STANISLAUS COUNTY							
	008-03-23	Modesto Reservoir	O	\$911,675	\$202,051	\$0	\$1,113,726
	016-26-10	Honor Farm	O	\$5,264,910	\$1,242,824	\$0	\$6,507,734
	018-03-21	Geer Road Landfill	O	\$755,635	\$15,341	\$0	\$770,976
	018-05-03	Fox Grove Regional Park	O	\$135,000	\$0	\$0	\$135,000
	018-36-75	Hughson Branch Library	L	\$320,000	\$315,138	\$0	\$635,138
	018-36-75	Hughson Medical Office	L	\$1,050,000	\$30,683	\$0	\$1,080,683
	018-42-25	Hughson CSA Office	L	\$0	\$5,114	\$0	\$5,114
	018-42-25	Hughson WIC Office	L	\$128,000	\$20,455	\$0	\$148,455
	035-37-38	Airport District Substation	L	\$264,316	\$0	\$0	\$264,316
	036-23-02	Sheriff's Hanger	L	\$1,620,000	\$40,910	\$0	\$1,660,910
	039-10-02	Animal Services	O	\$2,388,600	\$191,279	\$0	\$2,579,879
	113-17-06	Empire Community Center	O	\$688,000	\$459,326	\$0	\$1,147,326
	134-07-27	Waterford Branch Library	O	\$480,000	\$534,951	\$0	\$1,014,951
Grand Total			Count = 13	\$14,006,136	\$3,058,072	\$0	\$17,064,208
% of County Facilities			14.29%	3.55%	0.00%		3.43%



Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Future Facilities
Hazard: Don Pedro Inundation

Jurisdiction	APN	Description	To Be Built	Prop Value	Pers Value	Rent Value	Total Value
STANISLAUS COUNTY							
	009-07-09		2007	\$750,000	\$0	\$0	\$750,000
	009-07-09		2004	\$1,420,202	\$0	\$0	\$1,420,202
	039-10-02	2846 Finch Road	2010	\$500,000	\$0	\$0	\$500,000
	039-10-02	2846 Finch Road	2007	\$6,050,000	\$0	\$0	\$6,050,000
	039-10-02	2846 Finch Road	2007	\$2,000,000	\$0	\$0	\$2,000,000
	039-10-02	2846 Finch Road	2005	\$210,000	\$0	\$0	\$210,000
	134-07-46		2006	\$5,185,000	\$0	\$0	\$5,185,000
	134-07-47		2006	\$5,185,000	\$0	\$0	\$5,185,000
	134-07-73		2006	\$5,185,000	\$0	\$0	\$5,185,000
	134-07-74		2006	\$5,185,000	\$0	\$0	\$5,185,000
	134-07-78		2006	\$5,185,000	\$0	\$0	\$5,185,000

Grand Total	Count = 11	\$36,855,202	\$0	\$0	\$36,855,202
% of County Facilities	52.38%	21.98%	0.00%	0.00%	21.98%

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Bridges Hazard: Don Pedro Inundation



Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY					
	38C-0003	TUOLUMNE RIVER	SANTA FE	Girder	\$4,944,820
	38C-0004	TUOLUMNE RIVER	HICKMAN	Girder	\$7,734,211
	38C-0005	TUOLUMNE RIVER	ROBERTS FERRY	Girder	\$4,956,000
	38C-0015	DRY CREEK TRIBUTARY	CLARIBEL	Slab	\$989,480
	38C-0016	SAN JOAQUIN RIVER	GRAYSON	Girder	\$2,610,382
	38C-0018	TUOLUMNE RIVER	SHILOH	Girder	\$4,679,087
	38C-0023	TUOLUMNE RIVER	SEVENTH	Girder	\$18,585,000
	38C-0025	DRY CREEK	ALBERS	Girder	\$2,577,613
	38C-0027	LAIRD SLOUGH	GRAYSON	Slab	\$2,942,850
	38C-0038	DRY CREEK	WELLSFORD	Girder	\$2,633,701
	38C-0044	TUOLUMNE RIVER	MITCHELL	Girder	\$20,454,013
	38C-0047	DRY CREEK	CHURCH	Girder	\$3,908,029
	38C-0048	TUOLUMNE RIVER	GEER	Girder	\$7,769,190
	38C-0050	TUOLUMNE RIVER	CARPENTER	Girder	\$7,485,473
	38C-0051	MID LATERAL #1	GEER	Slab	\$225,142
	38C-0055	DRY CREEK	OAKDALE-WATERFORD	Girder	\$4,183,401
	38C-0061	TUOLUMNE RIVER	NINTH	Girder	\$60,180,000
	38C-0073	DRY CREEK	TIM BELL	Girder	\$927,397
	38C-0076	MID MAIN CANAL	OAKDALE-WATERFORD	Slab	\$586,080

Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY	38C-0084	TID LATERAL #1 (CERES MAIN)	SANTA FE	Slab	\$536,211
	38C-0090	TID MAIN CANAL	WHITMORE	Slab	\$402,588
	38C-0091	TID LATERAL #1 (CERES MAIN)	HICKMAN	Slab	\$612,198
	38C-0092	TID LATERAL #1 (CERES MAIN)	GEER	Slab	\$512,124
	38C-0116	MID LATERAL #5	PARADISE	Slab	\$273,362
	38C-0125	TID LATERAL #1 (CERES MAIN CANAL)	HATCH	Slab	\$257,759
	38C-0129	RIVER ROAD UNDERPASS	RIVER	Slab	
	38C-0144	TID MAIN CANAL (DAWSON LAKE)	LA GRANGE	Slab	\$772,870
	38C-0145	TUOLUMNE RIVER	LA GRANGE	Girder	\$7,062,221
	38C-0149	TID LATERAL #1 (CERES MAIN)	FAITH HOME	Slab	\$362,205
	38C-0150	TID LATERAL #1 (CERES MAIN)	GILBERT	Slab	\$238,547
	38C-0151	TID LATERAL #1 (CERES MAIN)	BALDWIN	Slab	\$242,107
	38C-0152	TID LATERAL #1 (CERES MAIN)	SEVENTH	Slab	\$369,039
	38C-0155	TID LATERAL #1 (CERES MAIN)	SWANSON	Slab	\$248,033
	38C-0156	TID MAIN CANAL	LAKE	Slab	\$531,336
	38C-0157	TID LATERAL #1 (TURLOCK MAIN)	MONTPELIER	Slab	\$407,248
	38C-0158	TID MAIN CANAL	LAMPLEY	Slab	\$346,912
	38C-0159	TID MAIN CANAL	DENTON	Slab	\$405,933
	38C-0223	CERES MAIN CANAL	CLINTON	Slab	\$327,408
	38C-0224	CERES MAIN CANAL	TULLY	Slab	\$475,259
	38C-0252	TID LATERAL #1 (CERES MAIN)	ALDERICH	Slab	\$226,487
	38C-0266	MID MAIN CANAL	HAZELDEAN	Slab	\$321,758
	38C-0267	MID MAIN CANAL	CRABTREE	Slab	
	38C-0268	TID MAIN CANAL	LAKE	Slab	\$471,932
	38C-0280	TID HIGH LINE CANAL	LAKE	Slab	\$203,758

Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost	
STANISLAUS COUNTY	38C-0284	MID MAIN CANAL	TIM BELL	Slab	\$492,049	
	38C-0285	MID MAIN CANAL	N REINWAY	Slab	\$322,344	
	38C-0286	MID LATERAL #2	CHURCH	Slab	\$190,715	
	38C-0288	MID MAIN CANAL	RESERVOIR	Slab	\$439,988	
	38C-0289	MID MAIN CANAL	RESERVOIR	Slab	\$568,721	
	38C-0291	MID MAIN CANAL	HOOPER	Slab	\$345,814	
	38C-0292	MID MAIN CANAL	BLOSSOM	Slab	\$326,589	
	38C-0312	MID LATERAL #2	WELLSFORD	Slab	\$181,413	
	Grand Total					\$176,846,794
	% of County Bridges					56.71%

Count = 52
22.13%

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Lighting Districts Hazard: Don Pedro Inundation



Jurisdiction	District	Title	Number	Cost
STANISLAUS COUNTY	AIRPORT NEIGHBORHOOD		64	\$234,048
	MANCINI PARK		34	\$124,338
	RIVERDALE LANDSCAPE AND LIGHTING	RIVERDALE LANDSCAPE & LIGHT.	36	\$131,652
	RIVERVIEW LANDSCAPE & LIGHT.	RIVERVIEW LANDSCAPE & LIGHT.	40	\$146,280
	SHACKELFORD LANDSCAPE LIGHTING DIS	SHACKELFORD LANDSCAPE LIGHTING DI	62	\$226,734
	TEMPO PARK		57	\$208,449
	EMPIRE		119	\$435,183
Grand Total			Count = 412	\$1,506,684
% of County Total			24.09%	24.09%

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Traffic Signals Hazard: Don Pedro Inundation



Jurisdiction	Location	Cost
STANISLAUS COUNTY		
	CARPENTER AND PARADISE	\$175,000
	MITCHELL AND RIVERSIDE	\$175,000
	MITCHELL AND TENEYA	\$175,000
Grand Total		Count = 3 \$525,000
% of County Traffic Signals		15.00% 15.00%



Stanislaus County
Multi-Jurisdictional Hazard Mitigation Plan

Appendix D
Inundation Hazard
Exchequer Reservoir

Population and Housing
Parcel Valuation
County Facilities (Existing and New)
Infrastructure: Bridges
Drainage Districts
Lighting
Traffic Signals

Stanislaus County Local Hazard Mitigation Plan

Population and Housing Units by Jurisdiction Hazard: Exchequer Inundation



JURISDICTION	Housing Units	Population
COUNTY		
Total	3,082	9,609
% of County Total	2.04%	2.15%
MODESTO		
Total	129	592
% of County Total	0.09%	0.13%
PATTERSON		
Total	0	0
% of County Total	0.00%	0.00%
Grand Total		
Total	3,211	10,201
% of County Total	2.13%	2.28%



Stanislaus County Local Hazard Mitigation Plan

Total Property Value by Jurisdiction Hazard: Exchequer Inundation

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
COUNTY								
	Commercial							
		\$1,198,198	\$208,470	\$0	\$2,067,436	\$148,464	\$453,811	\$4,076,379
	% of County Total	0.01%	0.01%	0.00%	0.01%	0.01%	0.05%	0.01%
	Industrial							
		\$1,223,247	\$3,534,326	\$0	\$3,565,213	\$5,548,150	\$0	\$13,870,936
	% of County Total	0.01%	0.24%	0.00%	0.02%	0.45%	0.00%	0.05%
	Non-Assessible, Factored o							
		\$9,918,983	\$217,666	\$0	\$346,217	\$4,967,527	\$0	\$15,450,393
	% of County Total	0.12%	0.01%	0.00%	0.00%	0.40%	0.00%	0.05%
	Residential							
		\$6,874,424	\$0	\$0	\$13,424,305	\$95,548	\$103,410	\$20,497,687
	% of County Total	0.08%	0.00%	0.00%	0.08%	0.01%	0.01%	0.07%
	Residential Income							
		\$389,760	\$0	\$133,094	\$66,179	\$0	\$62,731	\$651,764
	% of County Total	0.00%	0.00%	0.08%	0.00%	0.00%	0.01%	0.00%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Rural, Farm, Agricultural							
		\$226,520,905	\$14,753,453	\$7,960,332	\$204,291,204	\$38,513,542	\$8,253,893	\$500,293,329
	% of County Total	2.77%	0.99%	4.98%	1.21%	3.11%	0.82%	1.73%
	Vacant Commerical/Industr							
		\$380,131	\$119,949	\$0	\$1,311,572	\$137,581	\$0	\$1,949,233
	% of County Total	0.00%	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%
	Vacant Residential Land							
		\$707,281	\$0	\$0	\$19,870	\$0	\$0	\$727,151
	% of County Total	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Total for COUNTY	\$247,212,929	\$18,833,864	\$8,093,426	\$225,091,996	\$49,410,812	\$8,873,845	\$557,516,872
	% of County Total	3.03%	1.27%	5.07%	1.33%	3.99%	0.88%	1.93%
MODESTO								
	Commercial							
		\$77,706	\$0	\$0	\$33,737	\$0	\$31,313	\$142,756
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Industrial							
		\$146,838	\$144,217	\$0	\$188,886	\$142,030	\$0	\$621,971
	% of County Total	0.00%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Non-Assessible, Factored o								
		\$10,087,534	\$187,433	\$0	\$5,482,672	\$2,377,519	\$0	\$18,135,158
	% of County Total	0.12%	0.01%	0.00%	0.03%	0.19%	0.00%	0.06%
Residential								
		\$153,776	\$0	\$0	\$269,079	\$0	\$0	\$422,855
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Residential Income								
		\$515,589	\$0	\$0	\$1,198,611	\$0	\$0	\$1,714,200
	% of County Total	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
Vacant Commerical/Industr								
		\$184,027	\$0	\$0	\$0	\$0	\$0	\$184,027
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Vacant Residential Land								
		\$164,999	\$0	\$0	\$0	\$0	\$0	\$164,999
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total for MODESTO								
		\$11,330,469	\$331,650	\$0	\$7,172,985	\$2,519,549	\$31,313	\$21,385,966
	% of County Total	0.14%	0.02%	0.00%	0.04%	0.20%	0.00%	0.07%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
NEWMAN								
	Non-Assessible, Factored o							
	% of County Total	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%
	Residential Income							
	% of County Total	\$10,500 0.00%	\$0 0.00%	\$0 0.00%	\$92,500 0.00%	\$0 0.00%	\$0 0.00%	\$103,000 0.00%
	Rural, Farm, Agricultural							
	% of County Total	\$31,928 0.00%	\$0 0.00%	\$0 0.00%	\$86,910 0.00%	\$0 0.00%	\$0 0.00%	\$118,838 0.00%
	Vacant Residential Land							
	% of County Total	\$3,758,608 0.05%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$3,758,608 0.01%
	Total for NEWMAN	\$3,801,036	\$0	\$0	\$179,410	\$0	\$0	\$3,980,446
	% of County Total	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
PATTERSON								
	Non-Assessible, Factored o							
	% of County Total	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Total for PATTERSON		\$0	\$0	\$0	\$0	\$0	\$0	\$0
% of County Total		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Grand Total		\$262,344,434	\$19,165,514	\$8,093,426	\$232,444,391	\$51,930,361	\$8,905,158	\$582,883,284
% of County Total		3.21%	1.29%	5.07%	1.38%	4.19%	0.89%	2.01%



**Stanislaus County
Local Hazard Mitigation Plan**

**Stanislaus County Existing Facilities
Hazard: Exchequer Inundation**

Jurisdiction	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
STANISLAUS COUNTY	016-26-10	Honor Farm	O	\$5,264,910	\$1,242,824	\$0	\$6,507,734
Grand Total			Count = 1	\$5,264,910	\$1,242,824	\$0	\$6,507,734
% of County Facilities			1.10%	1.33%	1.44%	0.00%	1.31%



**Stanislaus County
Local Hazard Mitigation Plan**

**Stanislaus County Future Facilities
Hazard: Exchequer Inundation**

Jurisdiction	APN	Description	To Be Built	Prop Value	Pers Value	Rent Value	Total Value
Grand Total		\$0		\$0	\$0	\$0	\$0
% of County Facilities		0.00%		0.00%	0.00%	0.00%	0.00%

Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Bridges
Hazard: Exchequer Inundation



Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY					
	38C-0010	SAN JOAQUIN RIVER	CROWS LANDING	Girder	\$6,857,073
	38C-0016	SAN JOAQUIN RIVER	GRAYSON	Girder	\$2,610,382
	38C-0018	TUOLUMNE RIVER	SHILOH	Girder	\$4,679,087
	38C-0023	TUOLUMNE RIVER	SEVENTH	Girder	\$18,585,000
	38C-0027	LAIRD SLOUGH	GRAYSON	Slab	\$2,942,850
	38C-0033	SAN JOAQUIN RIVER	LAS PALMAS	Girder	\$7,450,151
	38C-0043	ORESTIMBA CREEK	RIVER	Slab	\$612,699
	38C-0050	TUOLUMNE RIVER	CARPENTER	Girder	\$7,485,473
	38C-0061	TUOLUMNE RIVER	NINTH	Girder	\$60,180,000
	38C-0098	TID LATERAL #5	CROWS LANDING	Slab	\$173,958
	38C-0116	MID LATERAL #5	PARADISE	Slab	\$273,362
	38C-0184	PID CANAL	ELM	Slab	\$156,753
	38C-0186	TID LATERAL #5.5	MORGAN	Slab	\$154,794
	38C-0302	TID LATERAL #5	TEGNER	Slab	\$113,766
	39C-0001	SAN JOAQUIN RIVER	HILLS FERRY	Girder	\$2,571,456

Grand Total
% of County Bridges

Count = 15
6.38%

\$114,846,804
36.83%

Stanislaus County
Local Hazard Mitigation Plan



Stanislaus County Drainage Districts
Hazard: Exchequer Inundation

Jurisdiction	Co No	Sub Division	Location	Cost
Grand Total				
			\$0	\$0
			0.00%	0.00%

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Lighting Districts Hazard: Exchequer Inundation



Jurisdiction	District	Title	Number	Cost
STANISLAUS COUNTY				
	MONTEREY PARK TRACT		11	\$40,227
	RIVERDALE LANDSCAPE AND LIGHTING	RIVERDALE LANDSCAPE & LIGHT.	36	\$131,652
	RIVERVIEW LANDSCAPE & LIGHT.	RIVERVIEW LANDSCAPE & LIGHT.	40	\$146,280
Grand Total			Count = 87	\$318,159
% of County Total			5.09%	5.09%

* Indicates that the count is an estimate

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Traffic Signals Hazard: Exchequer Inundation



Jurisdiction	Location	Cost
Grand Total		\$0
% of County Traffic Signals		0.00%



Stanislaus County
Multi-Jurisdictional Hazard Mitigation Plan

Appendix E
Inundation Hazard
New Melones Reservoir

Population and Housing
Parcel Valuation
County Facilities (Existing and New)
Infrastructure: Bridges
Drainage Districts
Lighting
Traffic Signals

Stanislaus County Local Hazard Mitigation Plan

Population and Housing Units by Jurisdiction Hazard: New Melones Inundation



JURISDICTION	Housing Units	Population
COUNTY		
Total	13,737	41,096
% of County Total	9.11%	9.19%
MODESTO		
Total	51,293	140,841
% of County Total	34.01%	31.51%
OAKDALE		
Total	5,805	15,503
% of County Total	3.85%	3.47%
RIVERBANK		
Total	4,744	15,886
% of County Total	3.15%	3.55%
Grand Total		
Total	75,579	213,326
% of County Total	50.12%	47.72%



Stanislaus County Local Hazard Mitigation Plan Total Property Value by Jurisdiction Hazard: New Melones Inundation

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
COUNTY								
	Commercial	\$60,052,153	\$12,410,721	\$47,846	\$127,743,470	\$22,938,201	\$5,579,143	\$228,771,534
	% of County Total	0.74%	0.84%	0.03%	0.76%	1.85%	0.56%	0.79%
	Industrial	\$56,498,281	\$105,378,872	\$115,997	\$161,775,036	\$69,078,020	\$181,536	\$393,027,742
	% of County Total	0.69%	7.10%	0.07%	0.96%	5.57%	0.02%	1.36%
	Non-Assessible, Factored o	\$3,941,979	\$2,581,367	\$11,846	\$3,777,380	\$9,527,532	\$142,300	\$19,982,404
	% of County Total	0.05%	0.17%	0.01%	0.02%	0.77%	0.01%	0.07%
	Residential	\$375,814,525	\$73,853	\$2,039	\$976,500,163	\$5,750,447	\$261,787	\$1,358,402,814
	% of County Total	4.60%	0.00%	0.00%	5.78%	0.46%	0.03%	4.69%
	Residential Income	\$20,805,654	\$141,956	\$831,589	\$19,622,888	\$714,690	\$96,094	\$42,212,871
	% of County Total	0.25%	0.01%	0.52%	0.12%	0.06%	0.01%	0.15%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Rural, Farm, Agricultural	\$504,193,971	\$9,569,879	\$39,273,535	\$523,354,641	\$46,073,951	\$14,208,787	\$1,136,674,764
	% of County Total	6.17%	0.64%	24.59%	3.10%	3.72%	1.42%	3.93%
	Vacant Commerical/Industr	\$24,184,233	\$257,224	\$28,284	\$4,199,486	\$343,763	\$7,716	\$29,020,706
	% of County Total	0.30%	0.02%	0.02%	0.02%	0.03%	0.00%	0.10%
	Vacant Residential Land	\$30,957,199	\$0	\$4,518	\$3,116,555	\$23,424	\$3,247	\$34,104,943
	% of County Total	0.38%	0.00%	0.00%	0.02%	0.00%	0.00%	0.12%
	Total for COUNTY	\$1,076,447,995	\$130,413,872	\$40,315,654	\$1,820,089,619	\$154,450,028	\$20,480,610	\$3,242,197,778
	% of County Total	13.18%	8.78%	25.24%	10.77%	12.46%	2.04%	11.20%
MODESTO								
	Commercial	\$850,449,186	\$179,912,055	\$12,411	\$1,824,747,529	\$243,079,947	\$889,999,345	\$3,988,200,473
	% of County Total	10.41%	12.11%	0.01%	10.80%	19.61%	88.69%	13.77%
	Industrial	\$55,139,180	\$94,667,598	\$0	\$159,477,456	\$32,136,491	\$0	\$341,420,725
	% of County Total	0.68%	6.37%	0.00%	0.94%	2.59%	0.00%	1.18%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Non-Assessible, Factored o								
		\$22,464,662	\$5,708,548	\$14,542	\$23,653,373	\$111,882,312	\$0	\$163,723,437
	% of County Total	0.28%	0.38%	0.01%	0.14%	9.03%	0.00%	0.57%
Residential								
		\$1,333,993,122	\$111,582	\$42,591	\$3,389,749,021	\$14,320,677	\$1,646,405	\$4,739,863,398
	% of County Total	16.33%	0.01%	0.03%	20.05%	1.16%	0.16%	16.37%
Residential Income								
		\$154,323,895	\$42,554	\$35,693	\$478,941,542	\$2,299,227	\$0	\$635,642,911
	% of County Total	1.89%	0.00%	0.02%	2.83%	0.19%	0.00%	2.20%
Rural, Farm, Agricultural								
		\$264,364	\$46,374	\$0	\$344,295	\$90,933	\$0	\$745,966
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%
Vacant Commerical/Industr								
		\$41,148,668	\$2,161,754	\$0	\$18,281,171	\$2,303,117	\$0	\$63,894,710
	% of County Total	0.50%	0.15%	0.00%	0.11%	0.19%	0.00%	0.22%
Vacant Residential Land								
		\$36,729,816	\$93,657	\$184,235	\$7,378,214	\$134,285	\$0	\$44,520,207
	% of County Total	0.45%	0.01%	0.12%	0.04%	0.01%	0.00%	0.15%
Total for MODESTO								
		\$2,494,512,893	\$282,744,122	\$289,472	\$5,902,572,601	\$406,246,989	\$891,645,750	\$9,978,011,827
	% of County Total	30.54%	19.04%	0.18%	34.92%	32.78%	88.85%	34.46%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
OAKDALE								
	Commercial							
	% of County Total	\$44,602,365 0.55%	\$10,495,258 0.71%	\$0 0.00%	\$101,966,748 0.60%	\$10,176,181 0.82%	\$5,095,326 0.51%	\$172,335,878 0.60%
	Industrial							
	% of County Total	\$18,282,136 0.22%	\$135,412,924 9.12%	\$0 0.00%	\$75,959,828 0.45%	\$38,377,254 3.10%	\$34,412 0.00%	\$268,066,554 0.93%
	Non-Assessible, Factored o							
	% of County Total	\$1,687,355 0.02%	\$288,276 0.02%	\$144,188 0.09%	\$1,456,643 0.01%	\$8,590,553 0.69%	\$82,000 0.01%	\$12,249,015 0.04%
	Residential							
	% of County Total	\$170,981,796 2.09%	\$6,022 0.00%	\$0 0.00%	\$409,594,452 2.42%	\$2,211,954 0.18%	\$6,985 0.00%	\$582,801,209 2.01%
	Residential Income							
	% of County Total	\$17,213,061 0.21%	\$7,303 0.00%	\$8,786 0.01%	\$49,979,094 0.30%	\$181,657 0.01%	\$0 0.00%	\$67,389,901 0.23%
	Rural, Farm, Agricultural							
	% of County Total	\$700,818 0.01%	\$0 0.00%	\$3,417 0.00%	\$584,538 0.00%	\$340,546 0.03%	\$22,242 0.00%	\$1,651,561 0.01%
	Vacant Commerical/Industr							
	% of County Total	\$9,864,140 0.12%	\$42,307 0.00%	\$0 0.00%	\$233,392 0.00%	\$13,472 0.00%	\$0 0.00%	\$10,153,311 0.04%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Vacant Residential Land								
		\$12,596,463	\$0	\$2,277	\$2,307,311	\$0	\$0	\$14,906,051
	% of County Total	0.15%	0.00%	0.00%	0.01%	0.00%	0.00%	0.05%
Total for OAKDALE								
		\$275,928,134	\$146,252,090	\$158,668	\$642,082,006	\$59,891,617	\$5,240,965	\$1,129,553,480
	% of County Total	3.38%	9.85%	0.10%	3.80%	4.83%	0.52%	3.90%
RIVERBANK								
Commercial								
		\$17,940,073	\$3,327,974	\$0	\$37,632,929	\$3,804,481	\$6,543,616	\$69,249,073
	% of County Total	0.22%	0.22%	0.00%	0.22%	0.31%	0.65%	0.24%
Industrial								
		\$8,093,640	\$26,253,303	\$0	\$23,789,341	\$10,104,228	\$32,116	\$68,272,628
	% of County Total	0.10%	1.77%	0.00%	0.14%	0.82%	0.00%	0.24%
Non-Assessible, Factored o								
		\$64,964	\$104,423	\$0	\$25,500	\$4,872,210	\$0	\$5,067,097
	% of County Total	0.00%	0.01%	0.00%	0.00%	0.39%	0.00%	0.02%
Residential								
		\$157,416,326	\$10,182	\$0	\$386,336,539	\$2,410,035	\$22,889	\$546,195,971
	% of County Total	1.93%	0.00%	0.00%	2.29%	0.19%	0.00%	1.89%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Residential Income								
		\$4,989,682	\$0	\$0	\$11,932,173	\$26,842	\$39,786	\$16,988,483
	% of County Total	0.06%	0.00%	0.00%	0.07%	0.00%	0.00%	0.06%
Rural, Farm, Agricultural								
		\$4,152,973	\$0	\$114,874	\$3,616,247	\$172,164	\$23,470	\$8,079,728
	% of County Total	0.05%	0.00%	0.07%	0.02%	0.01%	0.00%	0.03%
Vacant Commerical/Industr								
		\$3,519,224	\$619,705	\$0	\$1,219,918	\$93,866	\$0	\$5,452,713
	% of County Total	0.04%	0.04%	0.00%	0.01%	0.01%	0.00%	0.02%
Vacant Residential Land								
		\$14,499,983	\$0	\$0	\$943,195	\$0	\$26,400	\$15,469,578
	% of County Total	0.18%	0.00%	0.00%	0.01%	0.00%	0.00%	0.05%
Total for RIVERBANK								
		\$210,676,865	\$30,315,587	\$114,874	\$465,495,842	\$21,483,826	\$6,688,277	\$734,775,271
	% of County Total	2.58%	2.04%	0.07%	2.75%	1.73%	0.67%	2.54%
Grand Total								
		\$4,057,565,887	\$589,725,671	\$40,878,668	\$8,830,240,068	\$642,072,460	\$924,055,602	\$15,084,538,356
	% of County Total	49.68%	39.71%	25.59%	52.24%	51.80%	92.08%	52.09%



Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Existing Facilities Hazard: New Melones Inundation

Jurisdiction	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
STANISLAUS COUNTY							
	028-18-35	1100 Kansas Avenue	L	\$1,456,000	\$0	\$0	\$1,456,000
	029-02-38	Drug Enforcement Unit	L	\$480,000	\$204,549	\$0	\$684,549
	030-20-31	West Modesto Community Center	L	\$4,494,150	\$906,350	\$0	\$5,400,500
	032-01-45	Workplace Wellness Center	L	\$369,120	\$59,764	\$0	\$428,884
	032-16-06	County Center III	O	\$7,784,760	\$1,844,389	\$0	\$9,629,149
	037-02-19	Burbank-Paradise Hall	O	\$468,562	\$100,475	\$0	\$569,037
	052-63-19	Emergency Services Center	O	\$3,600,000	\$6,109,885	\$0	\$9,709,885
	055-07-09	McHenry Medical Office	L	\$3,229,170	\$0	\$0	\$3,229,170
	063-18-18	Oakdale Prenatal Center	L	\$904,000	\$101,170	\$0	\$1,005,170
	064-44-28	Behavioral Health and Recovery Servi	L	\$784,000	\$0	\$0	\$784,000
	077-18-51	Modesto Traffic Court	L	\$1,645,600	\$0	\$0	\$1,645,600
	081-12-06	Juvenile Justice Center (County Cent	O	\$19,095,108	\$1,261,384	\$0	\$20,356,492
	102-12-01	Mancini Hall	L	\$540,000	\$101,622	\$0	\$641,622
	103-15-04	609 5th Street Modesto	L	\$181,600	\$0	\$0	\$181,600
	104-05-01	722 I Street Modesto	L	\$1,120,000	\$0	\$0	\$1,120,000
	105-06-12	Modesto Main Library	O	\$9,920,000	\$0	\$0	\$9,920,000
	105-21-06	Stanislaus County Law Library	L	\$1,130,000	\$511,374	\$0	\$1,641,374
	105-23-07	Stanislaus County Job Center	L	\$2,000,000	\$322,958	\$0	\$2,322,958

Jurisdiction	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
	105-23-09	920 12th Street Modesto	L	\$819,200	\$0	\$0	\$819,200
	105-24-09	12th Street Office/Parking	O	\$7,680,000	\$0	\$0	\$7,680,000
	105-25-01	Capital Projects Office	O	\$345,600	\$56,164	\$0	\$401,764
	105-25-01	Downtown Men's Jail	O	\$7,701,408	\$590,743	\$0	\$8,292,151
	105-25-01	Modesto Main Courthouse	O	\$13,634,078	\$780,633	\$0	\$14,414,711
	105-37-34	Tenth Street Place	O	\$11,945,360	\$0	\$0	\$11,945,360
	105-38-23	1021 I Street (Admin. Annex #4)	O	\$7,016,480	\$8,317,837	\$0	\$15,334,317
	105-39-05	Former City Hall Building	O	\$7,090,940	\$0	\$0	\$7,090,940
	105-39-12	Gallo Center for the Arts	O	\$18,060,000	\$0	\$0	\$18,060,000
	105-40-18	Child Abduction Unit Office	L	\$1,104,000	\$178,981	\$0	\$1,282,981
	106-02-10	Medical Arts Building	O	\$3,780,000	\$866,567	\$0	\$4,646,567
	106-08-10	Children's Outpatient Services	L	\$971,680	\$102,275	\$0	\$1,073,955
	106-16-03	621 14th Street Modesto	L	\$201,440	\$0	\$0	\$201,440
	106-16-03	Aging & Veterans Services	L	\$1,120,000	\$0	\$0	\$1,120,000
	106-28-12	Former County Administration Buildin	L	\$0	\$8,804,366	\$3,330,000	\$12,134,366
	111-10-15	Scenic Clinic	L	\$289,760	\$127,843	\$0	\$417,603
	111-48-01	County Center II	O	\$36,664,780	\$14,423,702	\$0	\$51,088,482
	111-48-01	County Center III Support	O	\$297,540	\$63,282	\$0	\$360,822
	130-03-36	Oakdale Community Care Center	L	\$587,840	\$20,953	\$0	\$608,793
	130-09-45	Oakdale Branch Library	O	\$1,040,000	\$1,210,759	\$0	\$2,250,759
	132-12-15	Riverbank Branch Library	O	\$575,040	\$656,098	\$0	\$1,231,138
	135-47-04	Salida Medical Office	L	\$187,320	\$25,569	\$0	\$212,889
	135-49-05	Salida Sheriff's Substation	L	\$719,520	\$20,166	\$0	\$739,686
	135-53-06	Nick W. Blom Salida Regional Library	O	\$9,760,000	\$2,817,361	\$0	\$12,577,361

Jurisdiction	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
Grand Total			Count = 42	\$190,794,056	\$50,587,219	\$3,330,000	\$244,711,275
% of County Facilities			46.15%	48.34%	58.70%	19.66%	49.16%



Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Future Facilities Hazard: New Melones Inundation

Jurisdiction	APN	Description	To Be Built	Prop Value	Pers Value	Rent Value	Total Value
STANISLAUS COUNTY							
	007-44-06		2004	\$90,000	\$0	\$0	\$90,000
	102-12-01	718 Tuolumne	2012	\$200,000	\$0	\$0	\$200,000
	105-24-09	830-850 12th Street	2005	\$20,888,797	\$0	\$0	\$20,888,797
	105-39-12	1000 I Street	2006	\$22,000,000	\$0	\$0	\$22,000,000
Grand Total		Count = 4		\$43,178,797	\$0	\$0	\$43,178,797
% of County Facilities		19.05%		25.75%	0.00%	0.00%	25.75%

Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Bridges
Hazard: New Melones Inundation



Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY					
	38C-0001	STANISLAUS RIVER	ORANGE BLOSSOM	Girder	\$6,359,977
	38C-0002	DRY SLOUGH	McHENRY	Slab	\$2,389,912
	38C-0018	TUOLUMNE RIVER	SHILOH	Girder	\$4,679,087
	38C-0023	TUOLUMNE RIVER	SEVENTH	Girder	\$18,585,000
	38C-0032	STANISLAUS RIVER	McHENRY	Girder	\$12,271,516
	38C-0050	TUOLUMNE RIVER	CARPENTER	Girder	\$7,485,473
	38C-0061	TUOLUMNE RIVER	NINTH	Girder	\$60,180,000
	38C-0068	MID LATERAL #6	SALIDA	Slab	\$320,822
	38C-0069	MID LATERAL #6	SALIDA	Slab	\$228,366
	38C-0079	SSJID TULLOCH LATERAL	VALLEY HOME	Slab	\$258,447
	38C-0080	LONE TREE CREEK	VALLEY HOME	Slab	\$252,239
	38C-0107	MID LATERAL #5	STONE	Slab	\$133,858
	38C-0108	MID LATERAL #6	FINNEY	Slab	\$275,608
	38C-0109	MID LATERAL #6	DALE	Slab	\$235,847
	38C-0110	MID MAIN CANAL	AMERICAN	Slab	\$150,493
	38C-0113	MID LATERAL #6	CLARIBEL	Slab	\$499,507
	38C-0114	MID MAIN CANAL	CLARIBEL	Slab	\$810,146
	38C-0116	MID LATERAL #5	PARADISE	Slab	\$273,362
	38C-0137	MID LATERAL #5	CHICAGO	Slab	\$315,036

Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY	38C-0138	MID LATERAL #5	CALIFORNIA	Slab	\$233,100
	38C-0154	SSJID MAIN CANAL	PLEASANT VALLEY	Slab	\$556,665
	38C-0164	MID MAIN CANAL	SKITSTONE	Slab	\$136,084
	38C-0166	MID MAIN CANAL	CARVER	Slab	\$246,026
	38C-0197	MID LATERAL #8	HAMMETT	Slab	\$168,252
	38C-0226	MID LATERAL #6	COVERT	Slab	\$265,870
	38C-0228	MID LATERAL #6	COFFEE	Slab	\$377,737
	38C-0236	MID MAIN CANAL	SAINT FRANCIS	Slab	\$260,937
	38C-0249	MID MAIN CANAL	TERMINAL	Slab	\$492,267
	38C-0262	LONE TREE CREEK	PIONEER	Slab	\$154,555
	38C-0263	SSJID MAIN CANAL	PIONEER	Slab	\$248,153
	38C-0264	SSJID MAIN CANAL	VICTORY	Slab	\$462,971
	38C-0274	MID LATERAL #5	PAULINE	Slab	\$112,069
	38C-0275	MID LATERAL #4	PAULINE	Slab	\$308,751
	38C-0279	MID LATERAL #5	HOUSER	Slab	\$247,746
	38C-0282	MID MAIN CANAL	MINNIER	Slab	\$145,690
	38C-0300	MID LATERAL #6	DALE	Slab	\$166,491
	38C-0304	MID LATERAL #7	BECKWITH	Slab	\$243,541
	38C-0305	MID LATERAL #7	DAKOTA	Slab	\$181,413
	38C-0308	MID LATERAL #6	WILLIAMS	Slab	\$136,084
	38C-0309	MID LATERAL #6	JACKSON	Slab	\$142,177
	38C-0310	MID LATERAL #6	DUNN	Slab	\$113,742
38C-0311	MID LATERAL #4	ROSEMORE	Slab	\$183,157	
38C-0317	STANISLAUS RIVER	SONORA	Slab	\$3,552,000	
38C-0322	MID LATERAL #6	HAMMETT	Slab	\$195,941	

Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
Grand Total % of County Bridges		Count = 44 18.72%			\$125,036,113 40.09%

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Drainage Districts Hazard: New Melones Inundation



Jurisdiction	Co No	Sub Division	Location	Cost
STANISLAUS CO				
	M-10	LAVERTY INDUSTRIAL PARK ()	WELLS AVE	\$357,500
	M-11	DEL RIO HEIGHTS	HARTLEY DR	\$357,500
	M-2	46-PM-63	AUTO CENTER CT	\$357,500
	M-5	HARTLEY DRIVE - WALNUTWOODS	S/END WALNUTWOOD DRIVE	\$357,500
	M-6	HILLCREST DRIVE - RANCH DEL RIO	S/COUNTRY CLUB DRIVE	\$357,500
	M-7	SHERRY COURT	E/SHERRY LANE	\$357,500
	M-8	COUNTRY CLUB - COUNTRY CLUB LANE	E/DEL RIO	\$357,500
	M-9	35-PM-34	GALAXY WAY	\$357,500
	O-1	MOUNTAIN OAK - SUNSET OAKS NO. 10	N/ORANGE BLOSSOM 9 (N/E CORN	\$357,500
	O-2	ST. ANDREWS - OAKDALE CC ESTATES	2500 ATLAS	\$357,500
	O-3	RIO CASA DRIVE - RIO CASA ESTATES	S/DIXON ROAD	\$357,500
	O-4	RIO SOMBRA DRIVE - HUNTER RANCH ESTATES	W/MORRIS HUNTER	\$357,500
	O-5	SIERRA SUNSET	RANCH WOOD CT	\$357,500
	S-1	GREENLEAF COURT - GREENLEAF INDUSTRIAL PARK	E/SISK ROAD	\$672,500
	S-10	STODDARD ROAD - LANDMARK BUSINESS CENTER	S/KIERNAN	\$672,500
	S-11	SOMERSET ESTATES NO.1	WINCANTON WAY	\$672,500
	S-12	PARKSIDE PLAZA NO.1	TOOMES RD-WHITESTONE WAY	\$672,500
	S-2	DURLEY DRIVE - CLARENDON WOODS NO. 1	AT WESSEX LANE	\$672,500

Jurisdiction	Co No	Sub Division	Location	Cost
STANISLAUS CO				
	S-3	ALYSSA AVENUE - KIERNAN ESTATES	N/HORACE WAY	\$672,500
	S-4	ZINFANDEL AVENUE - DeARBOLES ESTATES	N/ESCAMILLA AVENUE	\$672,500
	S-5	ZINFANDEL AVENUE - EDGEWOOD ESTATES	N/PARKS AVENUE	\$672,500
	S-6	STILLWATER DRIVE - SUNNYBROOK VILLAGE	E/OVERLAND PLACE	\$672,500
	S-7	DANIEL COURT - SUNNYBROOK VILLAGE WEST	E/DANIEL	\$672,500
	S-8	ELMSBURY DRIVE - BRISTOL GLEN CSA NO. 4	AT KILLIGREW	\$672,500
	S-9	PIRRONE ROAD - MORGAN GLEN ESTATES	N/KIERNAN AVENUE	\$672,500
Grand Total				\$12,717,500
% of County Total				Count = 25 51.02%
				62.88%

Stanislaus County Local Hazard Mitigation Plan



Stanislaus County Lighting Districts Hazard: New Melones Inundation

Jurisdiction	District	Title	Number	Cost
STANISLAUS COUNTY				
	ALMOND WOOD ESTATES - A		10*	\$36,570
	ALMOND WOOD ESTATES - B		33*	\$120,681
	ALMOND WOOD ESTATES - C		2*	\$7,314
	COUNTY CLUB ESTATES - A		18*	\$65,826
	COUNTY CLUB ESTATES - B		1*	\$3,657
	COUNTY CLUB ESTATES - C		5*	\$18,285
	DEO GLORIA ESTATES		26	\$95,082
	GIBBS RANCH - A	THE GIBBS RANCH LIGHTING DISTRICT	1*	\$3,657
	GIBBS RANCH - B		4*	\$14,628
	GILBERT ROAD		2	\$7,314
	HILLCREST - A		27*	\$98,739
	HILLCREST - B		6*	\$21,942
	HILLCREST - C		13*	\$47,541
	HILLCREST - D		34*	\$124,338
	NORTH MC HENRY - A	PENTECOSTAL ANNEXATION AREA NO. 1	5*	\$18,285
	NORTH MC HENRY - B		2*	\$7,314
	NORTH MC HENRY - C	PENTECOSTAL ANNEXATION AREA NO. 2	2*	\$7,314
	NORTH MC HENRY - D		1*	\$3,657

Wednesday, August 11, 2004

* Indicates that the count is an estimate

Jurisdiction	District	Title	Number	Cost
STANISLAUS COUNTY				
	NORTH MC HENRY - E	NORTH MC HENRY	2*	\$7,314
	NORTH MC HENRY - F	MISTLIN HONDA ANNEXATION	2*	\$7,314
	NORTH MC HENRY - G		1*	\$3,657
	NORTH MC HENRY - H		3*	\$10,971
	NORTH MC HENRY - I		2*	\$7,314
	NORTH MC HENRY - J		1*	\$3,657
	NORTH MC HENRY - K	BERBERIAN TURST ANNEXATION	5*	\$18,285
	NORTH MC HENRY - L		1*	\$3,657
	NORTH MC HENRY - M		3*	\$10,971
	NORTH MC HENRY - N		3*	\$10,971
	NORTH MC HENRY - O		8*	\$29,256
	NORTH OAKS - A	NORTH WOODS ANNEXATION	1*	\$3,657
	NORTH OAKS - B		18*	\$65,826
	PEACH BLOSSOM ESTATES		5	\$18,285
	RIVERDALE LANDSCAPE AND LIGHTING	RIVERDALE LANDSCAPE & LIGHT.	36	\$131,652
	RIVERVIEW LANDSCAPE & LIGHT.	RIVERVIEW LANDSCAPE & LIGHT.	40	\$146,280
	SALIDA HIGHWAY - A	SHELL LAB ANNEXATION	38*	\$138,966
	SALIDA HIGHWAY - B		173*	\$632,661
	SALIDA HIGHWAY - C		8*	\$29,256
	SALIDA HIGHWAY - D		255*	\$932,535
	SALIDA HIGHWAY - E		113*	\$413,241
	SALIDA HIGHWAY - F	SALIDA HIGHWAY LIGHT.	23*	\$84,111
	SALIDA HIGHWAY - G		60*	\$219,420
	SALIDA HIGHWAY - H	VELLA 6 ANNEXATION	23*	\$84,111

Wednesday, August 11, 2004

* Indicates that the count is an estimate

Jurisdiction	District	Title	Number	Cost
STANISLAUS COUNTY				
	SCHWANTZ-BAIZE	SCHWANTZ-BAIZE	1	\$3,657
	SUNSET OAKS - A		48*	\$175,536
	SUNSET OAKS - B	RIVER GLEN ANNEXATION	6*	\$21,942
	SUNSET OAKS - C		14*	\$51,198
	SUNSET OAKS - D		10*	\$36,570
	SUNSET OAKS - E	COUNTRY OAK MANOR ANNEX.	7*	\$25,599
	SYLVAN VILLAGE NO.2		10	\$36,570
Grand Total			Count = 1112	\$4,066,584
% of County Total			65.03%	65.03%

* Indicates that the count is an estimate

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Traffic Signals Hazard: New Melones Inundation



Jurisdiction	Location	Cost
STANISLAUS COUNTY		
	9TH AND CARVER	\$175,000
	BOYCE AND SYLVAN	\$175,000
	BROADWAY AND SALIDA	\$175,000
	CARPENTER AND PARADISE	\$175,000
	CLARIBEL AND CLAUS	\$175,000
	CLARIBEL AND OAKDALE	\$175,000
	MC HENRY AND STEWART	\$175,000
Grand Total		Count = 7 \$1,225,000
% of County Traffic Signals		35.00% 35.00%



Stanislaus County
Multi-Jurisdictional Hazard Mitigation Plan

Appendix F
Inundation Hazard
Pine Flat Reservoir

Population and Housing
Parcel Valuation
County Facilities (Existing and New)
Infrastructure: Bridges
Drainage Districts
Lighting
Traffic Signals

Stanislaus County Local Hazard Mitigation Plan

Population and Housing Units by Jurisdiction Hazard: Pine Flat Inundation



JURISDICTION	Housing Units	Population
COUNTY		
Total	1,120	3,831
% of County Total	0.74%	0.86%
PATTERSON		
Total	0	0
% of County Total	0.00%	0.00%
Grand Total		
Total	1,120	3,831
% of County Total	0.74%	0.86%



Stanislaus County Local Hazard Mitigation Plan Total Property Value by Jurisdiction Hazard: Pine Flat Inundation

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
COUNTY								
	Commercial	\$458,387	\$130,881	\$0	\$1,338,469	\$96,585	\$365,440	\$2,389,762
	% of County Total	0.01%	0.01%	0.00%	0.01%	0.01%	0.04%	0.01%
	Industrial	\$33,846	\$0	\$0	\$48,234	\$0	\$0	\$82,080
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Non-Assessible, Factored o	\$8,192,271	\$85,016	\$0	\$493,754	\$1,586,498	\$0	\$10,357,539
	% of County Total	0.10%	0.01%	0.00%	0.00%	0.13%	0.00%	0.04%
	Residential	\$6,138,095	\$0	\$0	\$15,587,621	\$36,984	\$6,185	\$21,768,885
	% of County Total	0.08%	0.00%	0.00%	0.09%	0.00%	0.00%	0.08%
	Residential Income	\$110,054	\$0	\$0	\$379,321	\$0	\$11,246	\$500,621
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Rural, Farm, Agricultural	\$77,595,136	\$5,286,921	\$2,186,848	\$40,186,588	\$5,689,579	\$1,684,827	\$132,629,899
	% of County Total	0.95%	0.36%	1.37%	0.24%	0.46%	0.17%	0.46%
	Vacant Commerical/Industr	\$196,158	\$0	\$0	\$0	\$0	\$0	\$196,158
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Vacant Residential Land	\$315,878	\$0	\$0	\$84,741	\$0	\$0	\$400,619
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Total for COUNTY	\$93,039,825	\$5,502,818	\$2,186,848	\$58,118,728	\$7,409,646	\$2,067,698	\$168,325,563
	% of County Total	1.14%	0.37%	1.37%	0.34%	0.60%	0.21%	0.58%
MODESTO	Non-Assessible, Factored o	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Total for MODESTO	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
NEWMAN								
	Non-Assessible, Factored o							
	% of County Total	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%
	Rural, Farm, Agricultural							
	% of County Total	\$31,928 0.00%	\$0 0.00%	\$0 0.00%	\$86,910 0.00%	\$0 0.00%	\$0 0.00%	\$118,838 0.00%
Total for NEWMAN		\$31,928	\$0	\$0	\$86,910	\$0	\$0	\$118,838
% of County Total		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PATTERSON								
	Non-Assessible, Factored o							
	% of County Total	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%
Total for PATTERSON		\$0	\$0	\$0	\$0	\$0	\$0	\$0
% of County Total		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Grand Total		\$93,071,753	\$5,502,818	\$2,186,848	\$58,205,638	\$7,409,646	\$2,067,698	\$168,444,401
% of County Total		1.14%	0.37%	1.37%	0.34%	0.60%	0.21%	0.58%



Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Existing Facilities
Hazard: Pine Flat Inundation

Jurisdiction	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
STANISLAUS COUNTY	016-26-10	Honor Farm	O	\$5,264,910	\$1,242,824	\$0	\$6,507,734
Grand Total			Count = 1	\$5,264,910	\$1,242,824	\$0	\$6,507,734
% of County Facilities			1.10%	1.33%	1.44%	0.00%	1.31%



Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Future Facilities
Hazard: Pine Flat Inundation

Jurisdiction	APN	Description	To Be Built	Prop Value	Pers Value	Rent Value	Total Value
STANISLAUS COUNTY							
	016-34-06	8900 Laird Street	2004	\$1,295,000	\$0	\$0	\$1,295,000
Grand Total		Count = 1		\$1,295,000	\$0	\$0	\$1,295,000
% of County Facilities		4.76%		0.77%	0.00%	0.00%	0.77%

Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Bridges
Hazard: Pine Flat Inundation



Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY					
	38C-0010	SAN JOAQUIN RIVER	CROWS LANDING	Girder	\$6,857,073
	38C-0016	SAN JOAQUIN RIVER	GRAYSON	Girder	\$2,610,382
	38C-0027	LAIRD SLOUGH	GRAYSON	Slab	\$2,942,850
	38C-0033	SAN JOAQUIN RIVER	LAS PALMAS	Girder	\$7,450,151
	38C-0043	ORESTIMBA CREEK	RIVER	Slab	\$612,699
	38C-0116	MID LATERAL #5	PARADISE	Slab	\$273,362
	38C-0184	PID CANAL	ELM	Slab	\$156,753
	38C-0219	WESTLEY WASTEWAY	COX	Slab	\$272,316
	39C-0001	SAN JOAQUIN RIVER	HILLS FERRY	Girder	\$2,571,456

Grand Total
% of County Bridges

Count = 9
3.83%

\$23,747,042
7.61%

Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Drainage Districts
Hazard: Pine Flat Inundation



Jurisdiction	Co No	Sub Division	Location	Cost
Grand Total				
% of County Total				
			\$0	\$0
			0.00%	0.00%

**Stanislaus County
Local Hazard Mitigation Plan**



**Stanislaus County Lighting Districts
Hazard: Pine Flat Inundation**

Jurisdiction	District	Title	Number	Cost
Grand Total				
			\$0	\$0
			0.00%	0.00%
% of County Total				

* Indicates that the count is an estimate

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Traffic Signals Hazard: Pine Flat Inundation



Jurisdiction	Location	Cost
Grand Total		\$0
% of County Traffic Signals		0.00%



Stanislaus County
Multi-Jurisdictional Hazard Mitigation Plan

Appendix G
Inundation Hazard
San Luis Reservoir

Population and Housing
Parcel Valuation
County Facilities (Existing and New)
Infrastructure: Bridges
Drainage Districts
Lighting
Traffic Signals

Stanislaus County Local Hazard Mitigation Plan

Population and Housing Units by Jurisdiction Hazard: San Luis Inundation



JURISDICTION	Housing Units	Population
COUNTY		
Total	4,568	14,312
% of County Total	3.03%	3.20%
MODESTO		
Total	133	557
% of County Total	0.09%	0.12%
NEWMAN		
Total	209	685
% of County Total	0.14%	0.15%
PATTERSON		
Total	0	0
% of County Total	0.00%	0.00%
Grand Total	4,910	15,554
% of County Total	3.26%	3.48%



Stanislaus County Local Hazard Mitigation Plan Total Property Value by Jurisdiction Hazard: San Luis Inundation

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
COUNTY								
	Commercial	\$3,355,001	\$378,977	\$0	\$4,919,355	\$350,508	\$628,012	\$9,631,853
	% of County Total	0.04%	0.03%	0.00%	0.03%	0.03%	0.06%	0.03%
	Industrial	\$1,796,551	\$7,218,041	\$0	\$4,538,534	\$6,891,075	\$0	\$20,444,201
	% of County Total	0.02%	0.49%	0.00%	0.03%	0.56%	0.00%	0.07%
	Non-Assessible, Factored o	\$10,041,101	\$298,193	\$0	\$530,392	\$5,513,369	\$97,400	\$16,480,455
	% of County Total	0.12%	0.02%	0.00%	0.00%	0.44%	0.01%	0.06%
	Residential	\$16,351,620	\$0	\$0	\$37,125,955	\$185,517	\$109,595	\$53,772,687
	% of County Total	0.20%	0.00%	0.00%	0.22%	0.01%	0.01%	0.19%
	Residential Income	\$481,266	\$0	\$0	\$1,182,018	\$47,425	\$73,977	\$1,784,686
	% of County Total	0.01%	0.00%	0.00%	0.01%	0.00%	0.01%	0.01%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Rural, Farm, Agricultural							
		\$316,724,972	\$16,464,318	\$21,140,272	\$297,855,642	\$51,434,425	\$12,105,599	\$715,725,228
	% of County Total	3.88%	1.11%	13.23%	1.76%	4.15%	1.21%	2.47%
	Vacant Commerical/Industr							
		\$351,659	\$75,262	\$0	\$2,912	\$33,367	\$0	\$463,200
	% of County Total	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
	Vacant Residential Land							
		\$1,049,398	\$0	\$0	\$105,451	\$0	\$0	\$1,154,849
	% of County Total	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Total for COUNTY	\$350,151,568	\$24,434,791	\$21,140,272	\$346,260,259	\$64,455,686	\$13,014,583	\$819,457,159
	% of County Total	4.29%	1.65%	13.23%	2.05%	5.20%	1.30%	2.83%
MODESTO								
	Non-Assessible, Factored o							
		\$9,797,478	\$140,587	\$0	\$4,915,745	\$2,286,207	\$0	\$17,140,017
	% of County Total	0.12%	0.01%	0.00%	0.03%	0.18%	0.00%	0.06%
	Residential							
		\$37,122	\$0	\$0	\$127,919	\$0	\$0	\$165,041
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Residential Income							
		\$1,365,277	\$0	\$0	\$3,068,000	\$0	\$0	\$4,433,277
	% of County Total	0.02%	0.00%	0.00%	0.02%	0.00%	0.00%	0.02%
	Vacant Residential Land							
		\$164,999	\$0	\$0	\$0	\$0	\$0	\$164,999
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Total for MODESTO	\$11,364,876	\$140,587	\$0	\$8,111,664	\$2,286,207	\$0	\$21,903,334
	% of County Total	0.14%	0.01%	0.00%	0.05%	0.18%	0.00%	0.08%
NEWMAN								
	Non-Assessible, Factored o							
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Residential							
		\$5,321,128	\$0	\$0	\$18,298,518	\$42,801	\$0	\$23,662,447
	% of County Total	0.07%	0.00%	0.00%	0.11%	0.00%	0.00%	0.08%
	Residential Income							
		\$10,500	\$0	\$0	\$92,500	\$0	\$0	\$103,000
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Rural, Farm, Agricultural	\$82,023	\$0	\$0	\$166,244	\$0	\$0	\$248,267
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Vacant Residential Land	\$3,831,384	\$0	\$0	\$0	\$0	\$0	\$3,831,384
	% of County Total	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
	Total for NEWMAN	\$9,245,035	\$0	\$0	\$18,557,262	\$42,801	\$0	\$27,845,098
	% of County Total	0.11%	0.00%	0.00%	0.11%	0.00%	0.00%	0.10%
PATTERSON	Non-Assessible, Factored o	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Total for PATTERSON	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Grand Total		\$370,761,479	\$24,575,378	\$21,140,272	\$372,929,185	\$66,784,694	\$13,014,583	\$869,205,591
% of County Total		4.54%	1.65%	13.23%	2.21%	5.39%	1.30%	3.00%



**Stanislaus County
Local Hazard Mitigation Plan**

**Stanislaus County Existing Facilities
Hazard: San Luis Inundation**

Jurisdiction	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
STANISLAUS COUNTY	016-26-10	Honor Farm	O	\$5,264,910	\$1,242,824	\$0	\$6,507,734
Grand Total			Count = 1	\$5,264,910	\$1,242,824	\$0	\$6,507,734
% of County Facilities			1.10%	1.33%	1.44%	0.00%	1.31%



Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Future Facilities
Hazard: San Luis Inundation

Jurisdiction	APN	Description	To Be Built	Prop Value	Pers Value	Rent Value	Total Value
STANISLAUS COUNTY							
	016-34-06	8900 Laird Street	2004	\$1,295,000	\$0	\$0	\$1,295,000
Grand Total		Count = 1		\$1,295,000	\$0	\$0	\$1,295,000
% of County Facilities		4.76%		0.77%	0.00%	0.00%	0.77%

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Bridges Hazard: San Luis Inundation



Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY					
	38C-0010	SAN JOAQUIN RIVER	CROWS LANDING	Girder	\$6,857,073
	38C-0016	SAN JOAQUIN RIVER	GRAYSON	Girder	\$2,610,382
	38C-0018	TUOLUMNE RIVER	SHILOH	Girder	\$4,679,087
	38C-0027	LAIRD SLOUGH	GRAYSON	Slab	\$2,942,850
	38C-0033	SAN JOAQUIN RIVER	LAS PALMAS	Girder	\$7,450,151
	38C-0043	ORESTIMBA CREEK	RIVER	Slab	\$612,699
	38C-0098	TID LATERAL #5	CROWS LANDING	Slab	\$173,958
	38C-0107	MID LATERAL #5	STONE	Slab	\$133,858
	38C-0116	MID LATERAL #5	PARADISE	Slab	\$273,362
	38C-0123	TID LATERAL #2	CARPENTER	Slab	\$249,736
	38C-0184	PID CANAL	ELM	Slab	\$156,753
	38C-0186	TID LATERAL #5.5	MORGAN	Slab	\$154,794
	38C-0219	WESTLEY WASTEWAY	COX	Slab	\$272,316
	38C-0314	TID LATERAL #2	GRIFFIN	Slab	\$115,414
	39C-0001	SAN JOAQUIN RIVER	HILLS FERRY	Girder	\$2,571,456

**Grand Total
% of County Bridges**

**Count = 15
6.38%**

**\$29,253,889
9.38%**

**Stanislaus County
Local Hazard Mitigation Plan**



**Stanislaus County Drainage Districts
Hazard: San Luis Inundation**

Jurisdiction	Co No	Sub Division	Location	Cost
Grand Total				
			\$0	\$0
			0.00%	0.00%
% of County Total				

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Lighting Districts Hazard: San Luis Inundation



Jurisdiction	District	Title	Number	Cost
STANISLAUS COUNTY				
	MONTEREY PARK TRACT		11	\$40,227
	RIVERDALE LANDSCAPE AND LIGHTING	RIVERDALE LANDSCAPE & LIGHT.	36	\$131,652
	RIVERVIEW LANDSCAPE & LIGHT.	RIVERVIEW LANDSCAPE & LIGHT.	40	\$146,280
Grand Total			Count = 87	\$318,159
% of County Total			5.09%	5.09%

* Indicates that the count is an estimate

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Traffic Signals Hazard: San Luis Inundation



Jurisdiction	Location	Cost
Grand Total		\$0
% of County Traffic Signals		0.00%



Stanislaus County
Multi-Jurisdictional Hazard Mitigation Plan

Appendix H
Inundation Hazard
Tulloch Reservoir

Population and Housing
Parcel Valuation
County Facilities (Existing and New)
Infrastructure: Bridges
Drainage Districts
Lighting
Traffic Signals

Stanislaus County Local Hazard Mitigation Plan

Population and Housing Units by Jurisdiction Hazard: Tulloch Inundation



JURISDICTION	Housing Units	Population
COUNTY		
Total	5,779	17,876
% of County Total	3.83%	4.00%
OAKDALE		
Total	3,740	9,824
% of County Total	2.48%	2.20%
RIVERBANK		
Total	373	1,182
% of County Total	0.25%	0.26%
Grand Total		
Total	9,892	28,882
% of County Total	6.56%	6.46%



Stanislaus County Local Hazard Mitigation Plan

Total Property Value by Jurisdiction Hazard: Tulloch Inundation

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
COUNTY								
	Commercial	\$14,370,295	\$818,846	\$0	\$32,795,803	\$3,221,716	\$319,196	\$51,525,856
	% of County Total	0.18%	0.06%	0.00%	0.19%	0.26%	0.03%	0.18%
	Industrial	\$6,755,232	\$3,334,360	\$76,395	\$21,297,285	\$4,363,884	\$42,800	\$35,869,956
	% of County Total	0.08%	0.22%	0.05%	0.13%	0.35%	0.00%	0.12%
	Non-Assessible, Factored o	\$145,435	\$108,950	\$0	\$900,867	\$1,895,777	\$0	\$3,051,029
	% of County Total	0.00%	0.01%	0.00%	0.01%	0.15%	0.00%	0.01%
	Residential	\$158,989,116	\$72,276	\$1,258	\$451,822,816	\$2,190,435	\$58,800	\$613,134,701
	% of County Total	1.95%	0.00%	0.00%	2.67%	0.18%	0.01%	2.12%
	Residential Income	\$2,814,670	\$70,888	\$479,306	\$4,915,764	\$518,309	\$6,000	\$8,804,937
	% of County Total	0.03%	0.00%	0.30%	0.03%	0.04%	0.00%	0.03%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Rural, Farm, Agricultural							
		\$157,531,557	\$2,865,558	\$12,083,364	\$160,545,593	\$12,255,333	\$2,674,112	\$347,955,517
	% of County Total	1.93%	0.19%	7.56%	0.95%	0.99%	0.27%	1.20%
	Vacant Commerical/Industr							
		\$2,455,387	\$2,628	\$0	\$135,043	\$16,175	\$0	\$2,609,233
	% of County Total	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
	Vacant Residential Land							
		\$7,411,495	\$0	\$0	\$247,088	\$3,204	\$3,247	\$7,665,034
	% of County Total	0.09%	0.00%	0.00%	0.00%	0.00%	0.00%	0.03%
	Total for COUNTY	\$350,473,187	\$7,273,506	\$12,640,323	\$672,660,259	\$24,464,833	\$3,104,155	\$1,070,616,263
	% of County Total	4.29%	0.49%	7.91%	3.98%	1.97%	0.31%	3.70%
OAKDALE								
	Commercial							
		\$36,723,293	\$9,207,856	\$0	\$82,783,695	\$8,107,165	\$4,637,766	\$141,459,775
	% of County Total	0.45%	0.62%	0.00%	0.49%	0.65%	0.46%	0.49%
	Industrial							
		\$3,061,161	\$717,758	\$0	\$4,852,113	\$251,379	\$0	\$8,882,411
	% of County Total	0.04%	0.05%	0.00%	0.03%	0.02%	0.00%	0.03%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Non-Assessible, Factored o								
		\$1,411,621	\$188,278	\$144,188	\$652,321	\$2,061,735	\$0	\$4,458,143
	% of County Total	0.02%	0.01%	0.09%	0.00%	0.17%	0.00%	0.02%
Residential								
		\$87,858,500	\$4,526	\$0	\$208,128,358	\$1,120,684	\$0	\$297,112,068
	% of County Total	1.08%	0.00%	0.00%	1.23%	0.09%	0.00%	1.03%
Residential Income								
		\$7,139,885	\$7,303	\$8,786	\$21,202,794	\$96,251	\$0	\$28,455,019
	% of County Total	0.09%	0.00%	0.01%	0.13%	0.01%	0.00%	0.10%
Vacant Commerical/Industr								
		\$2,754,445	\$0	\$0	\$55,116	\$0	\$0	\$2,809,561
	% of County Total	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
Vacant Residential Land								
		\$3,138,435	\$0	\$0	\$1,343,644	\$0	\$0	\$4,482,079
	% of County Total	0.04%	0.00%	0.00%	0.01%	0.00%	0.00%	0.02%
Total for OAKDALE								
		\$142,087,340	\$10,125,721	\$152,974	\$319,018,041	\$11,637,214	\$4,637,766	\$487,659,056
	% of County Total	1.74%	0.68%	0.10%	1.89%	0.94%	0.46%	1.68%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
RIVERBANK								
	Commercial							
	% of County Total	\$21,648 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$21,648 0.00%
	Non-Assessible, Factored o							
	% of County Total	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$64,332 0.01%	\$0 0.00%	\$64,332 0.00%
	Residential							
	% of County Total	\$10,380,468 0.13%	\$0 0.00%	\$0 0.00%	\$28,473,995 0.17%	\$166,772 0.01%	\$0 0.00%	\$39,021,235 0.13%
	Vacant Residential Land							
	% of County Total	\$105,179 0.00%	\$0 0.00%	\$0 0.00%	\$95,024 0.00%	\$0 0.00%	\$0 0.00%	\$200,203 0.00%
	Total for RIVERBANK	\$10,507,295	\$0	\$0	\$28,569,019	\$231,104	\$0	\$39,307,418
	% of County Total	0.13%	0.00%	0.00%	0.17%	0.02%	0.00%	0.14%
	Grand Total	\$503,067,822	\$17,399,227	\$12,793,297	\$1,020,247,319	\$36,333,151	\$7,741,921	\$1,597,582,737
	% of County Total	6.16%	1.17%	8.01%	6.04%	2.93%	0.77%	5.52%



Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Existing Facilities
Hazard: Tulloch Inundation

Jurisdiction	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
STANISLAUS COUNTY							
	130-03-36	Oakdale Community Care Center	L	\$587,840	\$20,953	\$0	\$608,793
	130-09-45	Oakdale Branch Library	O	\$1,040,000	\$1,210,759	\$0	\$2,250,759
	135-47-04	Salida Medical Office	L	\$187,320	\$25,569	\$0	\$212,889
	135-49-05	Salida Sheriff's Substation	L	\$719,520	\$20,166	\$0	\$739,686
Grand Total			Count = 4	\$2,534,680	\$1,277,447	\$0	\$3,812,127
% of County Facilities			4.40%	0.64%	1.48%	0.00%	0.77%



**Stanislaus County
Local Hazard Mitigation Plan**

**Stanislaus County Future Facilities
Hazard: Tulloch Inundation**

Jurisdiction	APN	Description	To Be Built	Prop Value	Pers Value	Rent Value	Total Value
Grand Total		\$0		\$0	\$0	\$0	\$0
% of County Facilities		0.00%		0.00%	0.00%	0.00%	0.00%

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Bridges Hazard: Tulloch Inundation



Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY					
	38C-0001	STANISLAUS RIVER	ORANGE BLOSSOM	Girder	\$6,359,977
	38C-0032	STANISLAUS RIVER	McHENRY	Girder	\$12,271,516
	38C-0068	MID LATERAL #6	SALIDA	Slab	\$320,822
	38C-0069	MID LATERAL #6	SALIDA	Slab	\$228,366
	38C-0108	MID LATERAL #6	FINNEY	Slab	\$275,608
	38C-0197	MID LATERAL #8	HAMMETT	Slab	\$168,252
	38C-0226	MID LATERAL #6	COVERT	Slab	\$265,870
	38C-0308	MID LATERAL #6	WILLIAMS	Slab	\$136,084
	38C-0309	MID LATERAL #6	JACKSON	Slab	\$142,177
	38C-0310	MID LATERAL #6	DUNN	Slab	\$113,742
	38C-0317	STANISLAUS RIVER	SONORA	Slab	\$3,552,000
	38C-0322	MID LATERAL #6	HAMMETT	Slab	\$195,941

**Grand Total
% of County Bridges**

**Count = 12
5.11%**

**\$24,030,354
7.71%**

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Drainage Districts Hazard: Tulloch Inundation



Jurisdiction	Co No	Sub Division	Location	Cost
STANISLAUS CO				
	S-12	PARKSIDE PLAZA NO.1	TOOMES RD-WHITESTONE WAY	\$672,500
	S-2	DURLEY DRIVE - CLARENDON WOODS NO. 1	AT WESSEX LANE	\$672,500
	S-3	ALYSSA AVENUE - KIERNAN ESTATES	N/HORACE WAY	\$672,500
	S-4	ZINFANDEL AVENUE - DeARBOLES ESTATES	N/ESCAMILLA AVENUE	\$672,500
	S-5	ZINFANDEL AVENUE - EDGEWOOD ESTATES	N/PARKS AVENUE	\$672,500
	S-6	STILLWATER DRIVE - SUNNYBROOK VILLAGE	E/OVERLAND PLACE	\$672,500
	S-7	DANIEL COURT - SUNNYBROOK VILLAGE WEST	E/DANIEL	\$672,500
	S-8	ELMSBURY DRIVE - BRISTOL GLEN CSA NO. 4	AT KILLIGREW	\$672,500
	S-9	PIRRONE ROAD - MORGAN GLEN ESTATES	N/KIERNAN AVENUE	\$672,500

Grand Total
% of County Total

Count = 9
18.37%

\$6,052,500
29.93%

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Lighting Districts Hazard: Tulloch Inundation



Jurisdiction	District	Title	Number	Cost
STANISLAUS COUNTY	COUNTY CLUB ESTATES - A		18*	\$65,826
	COUNTY CLUB ESTATES - B		1*	\$3,657
	COUNTY CLUB ESTATES - C		5*	\$18,285
	DEO GLORIA ESTATES		26	\$95,082
	GIBBS RANCH - A	THE GIBBS RANCH LIGHTING DISTRICT	1*	\$3,657
	GIBBS RANCH - B		4*	\$14,628
	HILLCREST - D		34*	\$124,338
	NORTH OAKS - B		18*	\$65,826
	SALIDA HIGHWAY - B		173*	\$632,661
	SALIDA HIGHWAY - C		8*	\$29,256
	SALIDA HIGHWAY - D		255*	\$932,535
	SALIDA HIGHWAY - F	SALIDA HIGHWAY LIGHT.	23*	\$84,111
	SALIDA HIGHWAY - H	VELLA 6 ANNEX	23*	\$84,111
	SCHWANTZ-BAIZE	SCHWANTZ-BAIZE	1	\$3,657
	SUNSET OAKS - A		48*	\$175,536
	SUNSET OAKS - B	RIVER GLEN ANNEXATION	6*	\$21,942
SUNSET OAKS - C		14*	\$51,198	
SUNSET OAKS - D		10*	\$36,570	

Wednesday, August 11, 2004

* Indicates that the count is an estimate

Jurisdiction	District	Title	Number	Cost
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Grand Total				
% of County Total			Count = 668	\$2,442,876
			39.06%	39.06%

* Indicates that the count is an estimate

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Traffic Signals Hazard: Tulloch Inundation



Jurisdiction	Location	Count	Cost
STANISLAUS COUNTY			
	BROADWAY AND SALIDA		\$175,000
Grand Total		Count = 1	\$175,000
% of County Traffic Signals		5.00%	5.00%



Stanislaus County
Multi-Jurisdictional Hazard Mitigation Plan

Appendix I
Landslide Hazard

Population and Housing
Parcel Valuation
County Facilities (Existing and New)
Infrastructure: Bridges
Lighting
Traffic Signals

Stanislaus County Local Hazard Mitigation Plan

Population and Housing Units by Jurisdiction Hazard: Landslides



JURISDICTION	Housing Units	Population
Total	0	0
% of County Total	0.00%	0.00%

Grand Tot	0	0
% of County Total	0.00%	0.00%



Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Existing Facilities
Hazard: Landslide

Jurisdiction	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
Grand Total			Count = 0	\$0	\$0	\$0	\$0
% of County Facilities			0.00%	0.00%	0.00%	0.00%	0.00%



Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Future Facilities
Hazard: Landslide

Jurisdiction	APN	Description	To Be Built	Prop Value	Pers Value	Rent Value	Total Value
Grand Total		\$0		\$0	\$0	\$0	\$0
% of County Facilities		0.00%		0.00%	0.00%	0.00%	0.00%

Stanislaus County
Local Hazard Mitigation Plan



Stanislaus County Bridges
Hazard: Landslide

Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
#Error					
Grand Total					\$0
% of County Bridges					0.00%

Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Lighting Districts
Hazard: Landslide



Jurisdiction	District	Title	Number	Cost
Grand Total				
% of County Total			\$0	\$0
			0.00%	0.00%

* Indicates that the count is an estimate

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Traffic Signals Hazard: Landslide



Jurisdiction	Location	Cost
Grand Total		\$0
% of County Traffic Signals		0.00%



Stanislaus County
Multi-Jurisdictional Hazard Mitigation Plan

Appendix J
Wildfire Hazard

Population and Housing
County Facilities (Existing and New)
Infrastructure: Bridges
Drainage Districts
Lighting
Traffic Signals

Stanislaus County Local Hazard Mitigation Plan

Population and Housing Units by Jurisdiction Hazard: Wildfires



JURISDICTION	Housing Units	Population
COUNTY		
Total	2,039	5,497
% of County Total	1.35%	1.23%

Grand Total	2,039	5,497
% of County Total	1.35%	1.23%



Stanislaus County Local Hazard Mitigation Plan Total Property Value by Jurisdiction Hazard: Wildfire

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
COUNTY								
Commercial								
	Parcels: 60	\$12,381,394	\$3,761,384	\$0	\$23,256,454	\$2,427,722	\$2,456,044	\$44,282,998
		0.15%	0.25%	0.00%	0.14%	0.20%	0.24%	0.15%
Industrial								
	Parcels: 6	\$431,388	\$0	\$0	\$1,105,503	\$66,236	\$36,100	\$1,639,227
		0.01%	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%
Non-Assessible, Factored or								
	Parcels: 376	\$2,999,934	\$29,381,266	\$0	\$32,061,409	\$4,041,692	\$259,542	\$68,743,843
		0.04%	1.98%	0.00%	0.19%	0.33%	0.03%	0.24%
Residential								
	Parcels: 423	\$39,657,478	\$0	\$1,258	\$95,593,025	\$882,722	\$58,800	\$136,193,283
		0.49%	0.00%	0.00%	0.57%	0.07%	0.01%	0.47%
Residential Income								
	Parcels: 4	\$613,533	\$26,682	\$77,623	\$433,164	\$81,883	\$0	\$1,232,885
		0.01%	0.00%	0.05%	0.00%	0.01%	0.00%	0.00%

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Rural, Farm, Agricultural								
	Parcels: 3514	\$382,739,605	\$17,148,287	\$23,217,831	\$301,321,888	\$28,652,555	\$6,951,074	\$760,031,240
		2.45%	1.15%	14.53%	1.78%	2.31%	0.69%	2.62%
Vacant Commerical/Industrial								
	Parcels: 33	\$5,199,479	\$50,788	\$0	\$0	\$0	\$0	\$5,250,267
		0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%
Vacant Residential Land								
	Parcels: 60	\$5,059,374	\$0	\$0	\$61,164	\$3,204	\$3,247	\$5,126,989
		0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%
Total for COUNTY								
	Parcels: 4476	\$449,082,185	\$50,368,407	\$23,296,712	\$453,832,607	\$36,156,014	\$9,764,807	\$1,022,500,732
		3.12%	3.39%	14.58%	2.68%	2.92%	0.97%	3.53%

OAKDALE

Non-Assessible, Factored or								
	Parcels: 3	\$75,509	\$6,052	\$0	\$334,124	\$2,326,834	\$41,000	\$2,783,519
		0.00%	0.00%	0.00%	0.00%	0.19%	0.00%	0.01%
Vacant Residential Land								
	Parcels: 1	\$263,000	\$0	\$0	\$0	\$0	\$0	\$263,000
		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

JURISDICTION	USE	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Total for OAKDALE								
	Parcels: 4 0.00%	\$338,509 0.00%	\$6,052 0.00%	\$0 0.00%	\$334,124 0.00%	\$2,326,834 0.19%	\$41,000 0.00%	\$3,046,519 0.01%
PATTERSON								
Non-Assessible, Factored or								
	Parcels: 1 0.00%	\$227,095 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$227,095 0.00%
Total for PATTERSON								
	Parcels: 1 0.00%	\$227,095 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$0 0.00%	\$227,095 0.00%
Grand Total	Parcels: 4481	\$449,647,789	\$50,374,459	\$23,296,712	\$454,166,731	\$38,482,848	\$9,805,807	\$1,025,774,346
% of County	3.12%	5.51%	3.39%	14.58%	2.69%	3.10%	0.98%	3.54%



Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Existing Facilities
Hazard: Wildfire

Jurisdiction	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
STANISLAUS COUNTY							
	002-07-16	Woodward Reservoir	O	\$987,570	\$159,722	\$0	\$1,147,292
	008-03-23	Modesto Reservoir	O	\$911,675	\$202,051	\$0	\$1,113,726
	008-29-15	La Grange Regional Park	O	\$59,821	\$126,739	\$0	\$186,560
	025-03-24	Frank Raines Park	O	\$1,221,570	\$35,332	\$52,998	\$1,309,900
	027-17-40	Fink Road Landfill	O	\$486,000	\$361,669	\$0	\$847,669

Grand Total	Count = 5	\$3,666,636	\$885,513	\$52,998	\$4,605,147
% of County Facilities	5.49%	0.93%	1.03%	0.31%	0.93%



Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Future Facilities
Hazard: Wildfire

Jurisdiction	APN	Description	To Be Built	Prop Value	Pers Value	Rent Value	Total Value
STANISLAUS COUNTY							
	002-07-16	14528 26 Mile Road	2005	\$3,000,000	\$0	\$0	\$3,000,000
Grand Total		Count = 1		\$3,000,000	\$0	\$0	\$3,000,000
% of County Facilities		4.76%		1.79%	0.00%	0.00%	1.79%

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Bridges Hazard: Wildfire



Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY					
	38C-0001	STANISLAUS RIVER	ORANGE BLOSSOM	Girder	\$6,359,977
	38C-0005	TUOLUMNE RIVER	ROBERTS FERRY	Girder	\$4,956,000
	38C-0008	ROCK RIVER	COOPERSTOWN	Slab	\$1,184,992
	38C-0009	DRY CREEK	CRABTREE	Girder	\$748,883
	38C-0011	ORESTIMBA CREEK	ORESTIMBA	Slab	\$1,224,969
	38C-0013	LITTLE JOHN CREEK	SONORA	Slab	\$1,045,013
	38C-0014	DRY CREEK TRIBUTARY	CLARIBEL	Slab	\$808,497
	38C-0015	DRY CREEK TRIBUTARY	CLARIBEL	Slab	\$989,480
	38C-0017	LITTLE JOHN CREEK	TWENTY-SIX MILE	Slab	\$2,250,364
	38C-0019	WASHINGTON CREEK	DEL PUERTO CANYON	Slab	\$112,069
	38C-0020	SSJID RESERVOIR (WDWRD)	TWENTY-EIGHT MILE	Slab	\$791,126
	38C-0021	LITTLE JOHN CREEK	SONORA	Slab	\$1,575,656
	38C-0024	LITTLE JOHN CREEK TRIBUTARY	SONORA	Slab	\$1,715,611
	38C-0039	TID MAIN CANAL	LAKE	Slab	\$1,004,821
	38C-0041	DEL PUERTO CREEK	DEL PUERTO CANYON	Slab	\$107,357
	38C-0045	LITTLE JOHN CREEK	FRANKENHEIMER	Slab	\$1,140,093
	38C-0053	CALIFORNIA AQUEDUCT	SPERRY	Slab	\$1,251,253
	38C-0059	INGRAM CREEK	McCRACKEN	Slab	\$529,329
	38C-0073	DRY CREEK	TIM BELL	Girder	\$927,397

Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY	38C-0094	CALIFORNIA AQUEDUCT	FINK	Slab	\$1,279,832
	38C-0095	DELTA MENDOTA CANAL	FINK	Slab	\$632,389
	38C-0101	DELTA MENDOTA CANAL	HAMILTON	Slab	\$683,406
	38C-0103	DELTA MENDOTA CANAL	SPERRY	Slab	\$671,482
	38C-0111	GASBURG CREEK	OLD LA GRANGE	Slab	\$451,788
	38C-0117	CALIFORNIA AQUEDUCT	HOWARD	Slab	\$1,349,415
	38C-0118	DELTA MENDOTA CANAL	HOWARD	Slab	\$679,200
	38C-0144	TID MAIN CANAL (DAWSON LAKE)	LA GRANGE	Slab	\$772,870
	38C-0145	TUOLUMNE RIVER	LA GRANGE	Girder	\$7,062,221
	38C-0146	MID MAIN CANAL	LA GRANGE	Slab	\$817,721
	38C-0159	TID MAIN CANAL	DENTON	Slab	\$405,933
	38C-0162	HOODS CREEK	DUNTON	Slab	\$752,702
	38C-0169	SSJID MAIN CANAL	SHELL	Slab	\$110,779
	38C-0170	GALLUP CREEK	COOPERSTOWN	Slab	\$200,244
	38C-0171	TID MAIN CANAL	LAKE	Slab	\$494,704
	38C-0174	DEL PUERTO CREEK	DEL PUERTO CANYON	Slab	\$204,926
	38C-0175	WASHINGTON CREEK	DEL PUERTO CANYON	Slab	\$112,069
	38C-0198	ROCK CREEK	MILTON	Slab	\$225,142
	38C-0199	ROCK CREEK	MILTON	Slab	\$216,300
	38C-0201	CALIFORNIA AQUEDUCT	PETE MILLER	Slab	\$1,059,804
38C-0205	DELTA MENDOTA CANAL	ORESTIMBA	Slab	\$696,429	
38C-0206	DELTA MENDOTA CANAL	STUHR	Slab	\$675,640	
38C-0207	CALIFORNIA AQUEDUCT	ORESTIMBA	Slab	\$1,066,901	
38C-0209	DELTA MENDOTA CANAL	DAVIS	Slab	\$721,375	
38C-0210	CALIFORNIA AQUEDUCT	WARD	Slab	\$1,386,692	

Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY	38C-0211	CALIFORNIA AQUEDUCT	OAK FLAT	Slab	\$1,095,289
	38C-0213	DELTA MENDOTA CANAL	WARD	Slab	\$683,955
	38C-0214	DELTA MENDOTA CANAL	ROGERS	Slab	\$677,718
	38C-0220	DELTA MENDOTA CANAL	WELTY	Slab	\$702,665
	38C-0231	ROCK CREEK	MILTON	Slab	\$1,031,417
	38C-0232	HOODS CREEK	MILTON	Slab	\$609,330
	38C-0233	SHIRLEY CREEK	DUNTON	Slab	\$181,365
	38C-0234	SSJID MAIN CANAL	TWENTY-SIX MILE	Slab	\$243,350
	38C-0240	CALIFORNIA AQUEDUCT	McCRACKEN	Slab	\$1,279,832
	38C-0241	DELTA MENDOTA CANAL	McCRACKEN	Slab	\$829,167
	38C-0253	WILDCAT CREEK	WILLMS	Slab	\$321,798
	38C-0255	DRY CREEK TRIBUTARY	COOPERSTOWN	Slab	\$200,244
	38C-0256	DRY CREEK TRIBUTARY	COOPERSTOWN	Slab	\$177,446
	38C-0257	RYBERG CREEK	COOPERSTOWN	Slab	\$297,318
	38C-0258	JOHNSON CREEK	COOPERSTOWN	Slab	\$161,699
	38C-0259	DRY CREEK	COOPERSTOWN	Girder	\$186,363
	38C-0266	MID MAIN CANAL	HAZELDEAN	Slab	\$321,758
	38C-0267	MID MAIN CANAL	CRABTREE	Slab	
	38C-0268	TID MAIN CANAL	LAKE	Slab	\$471,932
	38C-0269	PEASLEE CREEK	LAKE	Slab	\$313,626
	38C-0270	DRY CREEK TRIBUTARY	WARNERVILLE	Slab	\$161,699
	38C-0272	MARTELL CREEK	SONORA	Slab	\$395,443
	38C-0273	MARTELL CREEK	SONORA	Slab	\$297,783
	38C-0278	DRY CREEK TRIBUTARY	WILLMS	Slab	\$200,123
	38C-0288	MID MAIN CANAL	RESERVOIR	Slab	\$439,988

Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY					
	38C-0289	MID MAIN CANAL	RESERVOIR	Slab	\$568,721
	38C-0290	MID LOWER WATERFORD CANAL	HAZELDEAN	Slab	\$287,804
	38C-0294	SSJID MAIN CANAL	SONORA	Slab	\$146,000
	38C-0296	DELTA MENDOTA CANAL	DIEHL	Slab	\$675,640
	38C-0307	DRY CREEK TRIBUTARY	WARNERVILLE	Slab	\$156,897
	38C-0315	DEL PUERTO CREEK	OFF ROAD VEHICLE PARK	Slab	\$61,889
	38C-0317	STANISLAUS RIVER	SONORA	Slab	\$3,552,000
	38C-0319	SSJID MAIN CANAL	FRANKENHEIMER	Slab	\$347,903

**Grand Total
% of County Bridges**

**Count = 77
32.77%**

**\$68,531,015
21.97%**

Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Drainage Districts
Hazard: Wildfire



Jurisdiction	Co No	Sub Division	Location	Cost
STANISLAUS CO				
	O-1	MOUNTAIN OAK - SUNSET OAKS NO. 10	N/ORANGE BLOSSOM 9 (N/E CORN	\$357,500
	O-5	SIERRA SUNSET	RANCH WOOD CT	\$357,500
Grand Total				\$715,000
% of County Total				Count = 2 4.08% 3.54%

Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Lighting Districts
Hazard: Wildfire



Jurisdiction	District	Title	Number	Cost
STANISLAUS COUNTY				
	ALMOND WOOD ESTATES - A		10*	\$36,570
	ALMOND WOOD ESTATES - B		33*	\$120,681
	ALMOND WOOD ESTATES - C		2*	\$7,314
	DEO GLORIA ESTATES		26	\$95,082
	GIBBS RANCH - A	THE GIBBS RANCH LIGHTING DISTRICT	1*	\$3,657
	GIBBS RANCH - B		4*	\$14,628
	GILBERT ROAD		2	\$7,314
	HOWARD/MCCRACKEN LAND./LIGHT.DIST.	HOWARD/MCCRACKEN LAND./LIGHT.	13	\$47,541
	NORTH OAKS - A	NORTH WOODS ANNEXATION	1*	\$3,657
	NORTH OAKS - B		18*	\$65,826
	PATTERSON GATEWAY		26	\$95,082
	SCHWANTZ-BAIZE	SCHWANTZ-BAIZE	1	\$3,657
	SUNSET OAKS - A		48*	\$175,536
	SUNSET OAKS - B	RIVER GLEN ANNEXATION	6*	\$21,942
	SUNSET OAKS - C		14*	\$51,198
	SUNSET OAKS - D		10*	\$36,570
	SUNSET OAKS - E	COUNTRY OAK MANOR ANNEX.	7*	\$25,599

Wednesday, August 11, 2004

* Indicates that the count is an estimate

Jurisdiction	District	Title	Number	Cost
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Grand Total				
% of County Total				
			Count = 222 12.98%	\$811,854 12.98%

* Indicates that the count is an estimate

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Traffic Signals Hazard: Wildfire



Jurisdiction	Location		Cost
STANISLAUS COUNTY			
	ROGERS AND SPERRY		\$175,000
Grand Total		Count = 1	\$175,000
% of County Traffic Signals		5.00%	5.00%



Stanislaus County
Multi-Jurisdictional Hazard Mitigation Plan

Appendix K
Baseline Data

Population and Housing
Parcel Valuation
County Facilities (Existing and New)
Infrastructure: Bridges
Drainage Districts
Lighting
Traffic Signals

Stanislaus County Local Hazard Mitigation Plan

Total Population and Housing Units by Jurisdiction



Jurisdiction	Housing Units	Population
CERES		
Total	10,789	34,646
% of County	7.15%	7.75%
COUNTY		
Total	34,407	106,602
% of County	22.82%	23.85%
HUGHSON		
Total	1,274	4,041
% of County	0.84%	0.90%
MODESTO		
Total	67,112	188,712
% of County	44.50%	42.22%
NEWMAN		
Total	2,187	7,126
% of County	1.45%	1.59%
OAKDALE		
Total	5,805	15,503
% of County	3.85%	3.47%
PATTERSON		
Total	3,264	11,611
% of County	2.16%	2.60%

Jurisdiction	Housing Units	Population
RIVERBANK		
Total	4,744	15,886
% of County	3.15%	3.55%
TURLOCK		
Total	19,145	55,946
% of County	12.70%	12.52%
WATERFORD		
Total	2,080	6,924
% of County	1.38%	1.55%
Grand Total		
Grand Total	150,807	446,997
% of County	100.00%	100.00%



Stanislaus County Local Hazard Mitigation Plan Total Property Value by Jurisdiction

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
CERES	Commercial	\$51,574,864	\$14,371,891	\$0	\$129,561,373	\$18,362,999	\$9,315,113	\$223,186,240
	% of County Total	0.63%	0.97%	0.00%	0.77%	1.48%	0.93%	0.77%
	Industrial	\$17,205,501	\$13,114,402	\$0	\$54,128,105	\$11,089,838	\$67,900	\$95,605,746
	% of County Total	0.21%	0.88%	0.00%	0.32%	0.89%	0.01%	0.33%
Non-Assessible, Factored								
		\$2,408,805	\$738,794	\$0	\$644,754	\$3,871,150	\$0	\$7,663,503
	% of County Total	0.03%	0.05%	0.00%	0.00%	0.31%	0.00%	0.03%
Residential		\$300,782,035	\$24,752	\$2,686	\$755,165,684	\$3,567,144	\$0	\$1,059,542,301
	% of County Total	3.68%	0.00%	0.00%	4.47%	0.29%	0.00%	3.66%
Residential Income								
		\$21,117,681	\$23,946	\$119,687	\$69,196,108	\$461,808	\$0	\$90,919,230
	% of County Total	0.26%	0.00%	0.07%	0.41%	0.04%	0.00%	0.31%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Rural, Farm, Agricultural	\$682,540	\$0	\$68,344	\$178,350	\$43,397	\$0	\$972,631
	% of County Total	0.01%	0.00%	0.04%	0.00%	0.00%	0.00%	0.00%
	Vacant Commerical/Industr	\$21,667,992	\$3,304	\$0	\$688,886	\$809,860	\$0	\$23,170,042
	% of County Total	0.27%	0.00%	0.00%	0.00%	0.07%	0.00%	0.08%
	Vacant Residential Land	\$13,759,515	\$0	\$0	\$1,463,179	\$103,730	\$0	\$15,326,424
	% of County Total	0.17%	0.00%	0.00%	0.01%	0.01%	0.00%	0.05%
	Total for CERES	\$429,198,933	\$28,277,089	\$190,717	\$1,011,026,439	\$38,309,926	\$9,383,013	\$1,516,386,117
	% of County Total	5.26%	1.90%	0.12%	5.98%	3.09%	0.94%	5.24%
COUNTY								
	Commercial	\$140,095,770	\$21,180,500	\$218,665	\$242,412,287	\$33,443,359	\$16,901,226	\$454,251,807
	% of County Total	1.72%	1.43%	0.14%	1.43%	2.70%	1.68%	1.57%
	Industrial	\$163,228,621	\$544,284,655	\$510,191	\$617,700,812	\$238,295,770	\$622,207	\$1,564,642,256
	% of County Total	2.00%	36.65%	0.32%	3.65%	19.23%	0.06%	5.40%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Non-Assessible, Factored								
		\$19,368,233	\$34,644,649	\$134,646	\$42,222,182	\$62,781,268	\$698,453	\$159,849,431
	% of County Total	0.24%	2.33%	0.08%	0.25%	5.07%	0.07%	0.55%
Residential								
		\$588,870,922	\$644,152	\$50,015	\$1,410,476,871	\$8,862,400	\$1,510,116	\$2,010,414,476
	% of County Total	7.21%	0.04%	0.03%	8.34%	0.72%	0.15%	6.94%
Residential Income								
		\$52,225,579	\$193,239	\$1,697,501	\$66,604,314	\$1,061,351	\$536,301	\$122,318,285
	% of County Total	0.64%	0.01%	1.06%	0.39%	0.09%	0.05%	0.42%
Rural, Farm, Agricultural								
		\$1,731,566,597	\$93,995,393	\$155,148,404	\$1,594,797,714	\$190,480,603	\$46,895,544	\$3,812,884,255
	% of County Total	21.20%	6.33%	97.12%	9.43%	15.37%	4.67%	13.17%
Vacant Commerical/Industr								
		\$49,548,699	\$642,171	\$28,284	\$7,279,605	\$630,658	\$16,216	\$58,145,633
	% of County Total	0.61%	0.04%	0.02%	0.04%	0.05%	0.00%	0.20%
Vacant Residential Land								
		\$45,608,642	\$2,446	\$601,797	\$3,967,462	\$95,899	\$57,368	\$50,333,614
	% of County Total	0.56%	0.00%	0.38%	0.02%	0.01%	0.01%	0.17%
Total for COUNTY								
		\$2,790,513,063	\$695,587,205	\$158,389,503	\$3,985,461,247	\$535,651,308	\$67,237,431	\$8,232,839,757
	% of County Total	34.17%	46.84%	99.15%	23.58%	43.22%	6.70%	28.43%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
HUGHSON								
	Commercial							
	% of County Total	\$4,781,839 0.06%	\$1,097,989 0.07%	\$0 0.00%	\$33,466,237 0.20%	\$788,368 0.06%	\$405,342 0.04%	\$40,539,775 0.14%
	Industrial							
	% of County Total	\$1,542,331 0.02%	\$2,585,129 0.17%	\$0 0.00%	\$4,771,658 0.03%	\$954,902 0.08%	\$0 0.00%	\$9,854,020 0.03%
	Non-Assessible, Factored							
	% of County Total	\$46,018 0.00%	\$119,453 0.01%	\$0 0.00%	\$0 0.00%	\$921,804 0.07%	\$0 0.00%	\$1,087,275 0.00%
	Residential							
	% of County Total	\$40,263,111 0.49%	\$410 0.00%	\$0 0.00%	\$105,934,655 0.63%	\$650,531 0.05%	\$0 0.00%	\$146,848,707 0.51%
	Residential Income							
	% of County Total	\$1,844,545 0.02%	\$0 0.00%	\$0 0.00%	\$4,055,999 0.02%	\$23,460 0.00%	\$30,300 0.00%	\$5,954,304 0.02%
	Rural, Farm, Agricultural							
	% of County Total	\$450,442 0.01%	\$0 0.00%	\$164,108 0.10%	\$344,873 0.00%	\$27,342 0.00%	\$32,900 0.00%	\$1,019,665 0.00%
	Vacant Commerical/Industr							
	% of County Total	\$452,993 0.01%	\$0 0.00%	\$0 0.00%	\$14,165 0.00%	\$0 0.00%	\$0 0.00%	\$467,158 0.00%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Vacant Residential Land								
		\$2,327,832	\$0	\$4,393	\$274,940	\$0	\$0	\$2,607,165
	% of County Total	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
Total for HUGHSON								
		\$51,709,111	\$3,802,981	\$168,501	\$148,862,527	\$3,366,407	\$468,542	\$208,378,069
	% of County Total	0.63%	0.26%	0.11%	0.88%	0.27%	0.05%	0.72%
MODESTO								
Commercial								
		\$881,929,892	\$186,703,679	\$12,411	\$1,895,205,807	\$250,873,491	\$900,422,315	\$4,115,147,595
	% of County Total	10.80%	12.57%	0.01%	11.21%	20.24%	89.73%	14.21%
Industrial								
		\$70,867,415	\$142,649,520	\$0	\$228,529,676	\$44,055,420	\$0	\$486,102,031
	% of County Total	0.87%	9.61%	0.00%	1.35%	3.55%	0.00%	1.68%
Non-Assessible, Factored								
		\$25,242,380	\$5,878,468	\$14,542	\$25,277,650	\$114,037,125	\$0	\$170,450,165
	% of County Total	0.31%	0.40%	0.01%	0.15%	9.20%	0.00%	0.59%
Residential								
		\$1,942,931,261	\$158,978	\$43,469	\$4,946,304,346	\$20,160,975	\$1,715,105	\$6,911,314,134
	% of County Total	23.79%	0.01%	0.03%	29.26%	1.63%	0.17%	23.87%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Residential Income								
		\$183,992,742	\$96,020	\$35,693	\$571,746,948	\$2,825,277	\$48,100	\$758,744,780
	% of County Total	2.25%	0.01%	0.02%	3.38%	0.23%	0.00%	2.62%
Rural, Farm, Agricultural								
		\$2,609,468	\$54,482	\$0	\$1,344,922	\$152,199	\$4,358	\$4,165,429
	% of County Total	0.03%	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%
Vacant Commerical/Industr								
		\$50,160,014	\$2,657,297	\$0	\$20,577,136	\$3,036,189	\$0	\$76,430,636
	% of County Total	0.61%	0.18%	0.00%	0.12%	0.24%	0.00%	0.26%
Vacant Residential Land								
		\$64,264,127	\$93,657	\$249,070	\$11,921,116	\$145,394	\$12,501	\$76,685,865
	% of County Total	0.79%	0.01%	0.16%	0.07%	0.01%	0.00%	0.26%
Total for MODESTO								
		\$3,221,997,299	\$338,292,101	\$355,185	\$7,700,907,601	\$435,286,070	\$902,202,379	\$12,599,040,635
	% of County Total	39.45%	22.78%	0.22%	45.56%	35.12%	89.91%	43.51%
NEWMAN								
Commercial								
		\$5,252,784	\$2,404,086	\$0	\$16,336,297	\$2,134,438	\$12,891	\$26,140,496
	% of County Total	0.06%	0.16%	0.00%	0.10%	0.17%	0.00%	0.09%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Industrial							
		\$2,706,907	\$20,956,291	\$0	\$10,449,317	\$3,578,666	\$0	\$37,691,181
	% of County Total	0.03%	1.41%	0.00%	0.06%	0.29%	0.00%	0.13%
	Non-Assessible, Factored							
		\$322,858	\$157,300	\$0	\$0	\$936,413	\$0	\$1,416,571
	% of County Total	0.00%	0.01%	0.00%	0.00%	0.08%	0.00%	0.00%
	Residential							
		\$62,565,448	\$0	\$2,113	\$164,308,515	\$430,493	\$0	\$227,306,569
	% of County Total	0.77%	0.00%	0.00%	0.97%	0.03%	0.00%	0.78%
	Residential Income							
		\$2,417,013	\$0	\$0	\$9,099,604	\$36,337	\$0	\$11,552,954
	% of County Total	0.03%	0.00%	0.00%	0.05%	0.00%	0.00%	0.04%
	Rural, Farm, Agricultural							
		\$131,342	\$448	\$1,856	\$342,646	\$2,263	\$0	\$478,555
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Vacant Commerical/Industr							
		\$1,603,737	\$29,915	\$0	\$199,108	\$7,628	\$0	\$1,840,388
	% of County Total	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
	Vacant Residential Land							
		\$10,348,546	\$0	\$0	\$128,169	\$0	\$0	\$10,476,715
	% of County Total	0.13%	0.00%	0.00%	0.00%	0.00%	0.00%	0.04%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Total for NEWMAN		\$85,348,635	\$23,548,040	\$3,969	\$200,863,656	\$7,126,238	\$12,891	\$316,903,429
% of County Total		1.04%	1.59%	0.00%	1.19%	0.57%	0.00%	1.09%
OAKDALE								
Commercial		\$44,602,365	\$10,495,258	\$0	\$101,966,748	\$10,176,181	\$5,095,326	\$172,335,878
% of County Total		0.55%	0.71%	0.00%	0.60%	0.82%	0.51%	0.60%
Industrial		\$18,282,136	\$135,412,924	\$0	\$75,959,828	\$38,377,254	\$34,412	\$268,066,554
% of County Total		0.22%	9.12%	0.00%	0.45%	3.10%	0.00%	0.93%
Non-Assessible, Factored		\$1,687,355	\$288,276	\$144,188	\$1,456,643	\$8,590,553	\$82,000	\$12,249,015
% of County Total		0.02%	0.02%	0.09%	0.01%	0.69%	0.01%	0.04%
Residential		\$170,981,796	\$6,022	\$0	\$409,594,452	\$2,211,954	\$6,985	\$582,801,209
% of County Total		2.09%	0.00%	0.00%	2.42%	0.18%	0.00%	2.01%
Residential Income		\$17,213,061	\$7,303	\$8,786	\$49,979,094	\$181,657	\$0	\$67,389,901
% of County Total		0.21%	0.00%	0.01%	0.30%	0.01%	0.00%	0.23%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Rural, Farm, Agricultural	\$700,818	\$0	\$3,417	\$584,538	\$340,546	\$22,242	\$1,651,561
	% of County Total	0.01%	0.00%	0.00%	0.00%	0.03%	0.00%	0.01%
	Vacant Commerical/Industr	\$9,864,140	\$42,307	\$0	\$233,392	\$13,472	\$0	\$10,153,311
	% of County Total	0.12%	0.00%	0.00%	0.00%	0.00%	0.00%	0.04%
	Vacant Residential Land	\$12,596,463	\$0	\$2,277	\$2,307,311	\$0	\$0	\$14,906,051
	% of County Total	0.15%	0.00%	0.00%	0.01%	0.00%	0.00%	0.05%
	Total for OAKDALE	\$275,928,134	\$146,252,090	\$158,668	\$642,082,006	\$59,891,617	\$5,240,965	\$1,129,553,480
	% of County Total	3.38%	9.85%	0.10%	3.80%	4.83%	0.52%	3.90%

PATTERSON

	Commercial	\$9,721,823	\$3,327,172	\$0	\$28,411,802	\$2,802,972	\$1,446,544	\$45,710,313
	% of County Total	0.12%	0.22%	0.00%	0.17%	0.23%	0.14%	0.16%
	Industrial	\$4,813,950	\$8,436,496	\$0	\$32,535,164	\$3,406,513	\$0	\$49,192,123
	% of County Total	0.06%	0.57%	0.00%	0.19%	0.27%	0.00%	0.17%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Non-Assessible, Factored								
		\$653,008	\$515,791	\$0	\$621,932	\$2,543,474	\$0	\$4,334,205
	% of County Total	0.01%	0.03%	0.00%	0.00%	0.21%	0.00%	0.01%
Residential								
		\$120,219,822	\$21,472	\$0	\$335,195,238	\$1,119,842	\$0	\$456,556,374
	% of County Total	1.47%	0.00%	0.00%	1.98%	0.09%	0.00%	1.58%
Residential Income								
		\$3,382,939	\$2,350	\$5,532	\$8,194,997	\$109,437	\$0	\$11,695,255
	% of County Total	0.04%	0.00%	0.00%	0.05%	0.01%	0.00%	0.04%
Rural, Farm, Agricultural								
		\$172,564	\$0	\$776	\$377,242	\$34,937	\$0	\$585,519
	% of County Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Vacant Commerical/Industr								
		\$2,636,460	\$0	\$0	\$323,719	\$0	\$3,935	\$2,964,114
	% of County Total	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
Vacant Residential Land								
		\$29,992,340	\$0	\$3,479	\$32,469	\$0	\$0	\$30,028,288
	% of County Total	0.37%	0.00%	0.00%	0.00%	0.00%	0.00%	0.10%
Total for PATTERSON								
		\$171,592,906	\$12,303,281	\$9,787	\$405,692,563	\$10,017,175	\$1,450,479	\$601,066,191
	% of County Total	2.10%	0.83%	0.01%	2.40%	0.81%	0.14%	2.08%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
RIVERBANK								
	Commercial							
	% of County Total	\$17,940,073 0.22%	\$3,327,974 0.22%	\$0 0.00%	\$37,632,929 0.22%	\$3,804,481 0.31%	\$6,543,616 0.65%	\$69,249,073 0.24%
	Industrial							
	% of County Total	\$8,093,640 0.10%	\$26,253,303 1.77%	\$0 0.00%	\$23,789,341 0.14%	\$10,104,228 0.82%	\$32,116 0.00%	\$68,272,628 0.24%
	Non-Assessible, Factored							
	% of County Total	\$64,964 0.00%	\$104,423 0.01%	\$0 0.00%	\$25,500 0.00%	\$4,872,210 0.39%	\$0 0.00%	\$5,067,097 0.02%
	Residential							
	% of County Total	\$157,416,326 1.93%	\$10,182 0.00%	\$0 0.00%	\$386,336,539 2.29%	\$2,410,035 0.19%	\$22,889 0.00%	\$546,195,971 1.89%
	Residential Income							
	% of County Total	\$4,989,682 0.06%	\$0 0.00%	\$0 0.00%	\$11,932,173 0.07%	\$26,842 0.00%	\$39,786 0.00%	\$16,988,483 0.06%
	Rural, Farm, Agricultural							
	% of County Total	\$4,152,973 0.05%	\$0 0.00%	\$114,874 0.07%	\$3,616,247 0.02%	\$172,164 0.01%	\$23,470 0.00%	\$8,079,728 0.03%
	Vacant Commerical/Industr							
	% of County Total	\$3,519,224 0.04%	\$619,705 0.04%	\$0 0.00%	\$1,219,918 0.01%	\$93,866 0.01%	\$0 0.00%	\$5,452,713 0.02%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Vacant Residential Land								
		\$14,499,983	\$0	\$0	\$943,195	\$0	\$26,400	\$15,469,578
	% of County Total	0.18%	0.00%	0.00%	0.01%	0.00%	0.00%	0.05%
Total for RIVERBANK								
		\$210,676,865	\$30,315,587	\$114,874	\$465,495,842	\$21,483,826	\$6,688,277	\$734,775,271
	% of County Total	2.58%	2.04%	0.07%	2.75%	1.73%	0.67%	2.54%
TURLOCK								
Commercial								
		\$140,748,595	\$45,758,734	\$21,036	\$375,522,980	\$50,831,378	\$10,158,079	\$623,040,802
	% of County Total	1.72%	3.08%	0.01%	2.22%	4.10%	1.01%	2.15%
Industrial								
		\$42,412,030	\$157,328,687	\$8,485	\$162,951,385	\$55,242,843	\$65,000	\$418,008,430
	% of County Total	0.52%	10.59%	0.01%	0.96%	4.46%	0.01%	1.44%
Non-Assessible, Factored								
		\$4,725,718	\$853,761	\$0	\$1,646,755	\$9,907,474	\$0	\$17,133,708
	% of County Total	0.06%	0.06%	0.00%	0.01%	0.80%	0.00%	0.06%
Residential								
		\$537,610,191	\$105,135	\$8,650	\$1,432,909,873	\$5,673,137	\$42,239	\$1,976,349,225
	% of County Total	6.58%	0.01%	0.01%	8.48%	0.46%	0.00%	6.82%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
Residential Income								
		\$52,071,755	\$2,111	\$0	\$188,738,769	\$937,847	\$0	\$241,750,482
	% of County Total	0.64%	0.00%	0.00%	1.12%	0.08%	0.00%	0.83%
Rural, Farm, Agricultural								
		\$3,134,027	\$0	\$256,549	\$3,029,353	\$284,917	\$65,300	\$6,770,146
	% of County Total	0.04%	0.00%	0.16%	0.02%	0.02%	0.01%	0.02%
Vacant Commerical/Industr								
		\$42,918,997	\$55,779	\$0	\$2,038,153	\$148,537	\$0	\$45,161,466
	% of County Total	0.53%	0.00%	0.00%	0.01%	0.01%	0.00%	0.16%
Vacant Residential Land								
		\$27,537,901	\$84,303	\$0	\$3,400,385	\$124,008	\$0	\$31,146,597
	% of County Total	0.34%	0.01%	0.00%	0.02%	0.01%	0.00%	0.11%
Total for TURLOCK								
		\$851,159,214	\$204,188,510	\$294,720	\$2,170,237,653	\$123,150,141	\$10,330,618	\$3,359,360,856
	% of County Total	10.42%	13.75%	0.18%	12.84%	9.94%	1.03%	11.60%

WATERFORD

Commercial								
		\$7,859,528	\$1,781,820	\$0	\$17,551,203	\$1,340,655	\$180,299	\$28,713,505
	% of County Total	0.10%	0.12%	0.00%	0.10%	0.11%	0.02%	0.10%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Industrial							
		\$1,554,583	\$611,818	\$0	\$2,535,659	\$1,574,222	\$2,081	\$6,278,363
	% of County Total	0.02%	0.04%	0.00%	0.02%	0.13%	0.00%	0.02%
	Non-Assessible, Factored							
		\$2,371,852	\$89,104	\$0	\$674,709	\$1,328,513	\$0	\$4,464,178
	% of County Total	0.03%	0.01%	0.00%	0.00%	0.11%	0.00%	0.02%
	Residential							
		\$56,630,899	\$0	\$0	\$132,621,874	\$811,549	\$298,881	\$190,363,203
	% of County Total	0.69%	0.00%	0.00%	0.78%	0.07%	0.03%	0.66%
	Residential Income							
		\$5,496,962	\$0	\$0	\$18,078,817	\$124,348	\$6,221	\$23,706,348
	% of County Total	0.07%	0.00%	0.00%	0.11%	0.01%	0.00%	0.08%
	Rural, Farm, Agricultural							
		\$413,042	\$0	\$58,301	\$539,977	\$3,850	\$0	\$1,015,170
	% of County Total	0.01%	0.00%	0.04%	0.00%	0.00%	0.00%	0.00%
	Vacant Commerical/Industr							
		\$2,221,611	\$0	\$0	\$16,718	\$0	\$0	\$2,238,329
	% of County Total	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
	Vacant Residential Land							
		\$2,677,761	\$0	\$0	\$843,931	\$0	\$0	\$3,521,692
	% of County Total	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%

Jurisdiction	Use Description	Land Value	Fixed Impv Value	Grow Impv Value	Struct Impv Value	Pers Prop Value	Mobile Home Value	Total Value
	Total for WATERFORD	\$79,226,238	\$2,482,742	\$58,301	\$172,862,888	\$5,183,137	\$487,482	\$260,300,788
	% of County Total	0.97%	0.17%	0.04%	1.02%	0.42%	0.05%	0.90%

Grand Total \$8,167,350,398 \$1,485,049,626 \$159,744,225 \$16,903,492,422 \$1,239,465,845 \$1,003,502,077 \$28,958,604,593



Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Existing Facilities All Facilities

Jurisdiction	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
STANISLAUS COUNTY							
	002-07-16	Woodward Reservoir	O	\$987,570	\$159,722	\$0	\$1,147,292
	008-03-23	Modesto Reservoir	O	\$911,675	\$202,051	\$0	\$1,113,726
	008-29-15	La Grange Regional Park	O	\$59,821	\$126,739	\$0	\$186,560
	016-26-10	Honor Farm	O	\$5,264,910	\$1,242,824	\$0	\$6,507,734
	018-03-21	Geer Road Landfill	O	\$755,635	\$15,341	\$0	\$770,976
	018-05-03	Fox Grove Regional Park	O	\$135,000	\$0	\$0	\$135,000
	018-36-75	Hughson Branch Library	L	\$320,000	\$315,138	\$0	\$635,138
	018-36-75	Hughson Medical Office	L	\$1,050,000	\$30,683	\$0	\$1,080,683
	018-42-25	Hughson CSA Office	L	\$0	\$5,114	\$0	\$5,114
	018-42-25	Hughson WIC Office	L	\$128,000	\$20,455	\$0	\$148,455
	024-24-18	Denair Branch Library	L	\$280,000	\$377,123	\$0	\$657,123
	024-27-41	Denair Sheriff's Substation	L	\$96,000	\$15,133	\$0	\$111,133
	025-03-24	Frank Raines Park	O	\$1,221,570	\$35,332	\$52,998	\$1,309,900
	027-13-14	Westside Sheriff's Substation	L	\$288,000	\$10,227	\$0	\$298,227
	027-14-06	Bonita Pool	O	\$249,416	\$0	\$0	\$249,416
	027-17-40	Fink Road Landfill	O	\$486,000	\$361,669	\$0	\$847,669
	028-18-35	1100 Kansas Avenue	L	\$1,456,000	\$0	\$0	\$1,456,000
	029-02-38	Drug Enforcement Unit	L	\$480,000	\$204,549	\$0	\$684,549

Jurisdiction	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
	030-20-31	West Modesto Community Center	L	\$4,494,150	\$906,350	\$0	\$5,400,500
	032-01-45	Workplace Wellness Center	L	\$369,120	\$59,764	\$0	\$428,884
	032-16-06	County Center III	O	\$7,784,760	\$1,844,389	\$0	\$9,629,149
	035-37-38	Airport District Substation	L	\$264,316	\$0	\$0	\$264,316
	036-23-02	Sheriff's Hanger	L	\$1,620,000	\$40,910	\$0	\$1,660,910
	037-02-19	Burbank-Paradise Hall	O	\$468,562	\$100,475	\$0	\$569,037
	039-10-02	Animal Services	O	\$2,388,600	\$191,279	\$0	\$2,579,879
	040-06-02	Morgan Road Shops (County Center I	O	\$6,446,340	\$3,928,686	\$0	\$10,375,026
	040-08-16	Recovery Resource Center	O	\$16,158,210	\$2,006,848	\$0	\$18,165,058
	040-08-16	Stanislaus Recovery Center	O	\$7,460,160	\$0	\$0	\$7,460,160
	042-06-14	Turlock WIC Office	L	\$720,000	\$114,958	\$0	\$834,958
	042-37-01	Turlock Superior Court	O	\$589,368	\$0	\$0	\$589,368
	043-51-25	Oakdale Public Works Yard	O	\$1,246,000	\$174,625	\$0	\$1,420,625
	045-21-21	Keyes Community Center	O	\$192,000	\$0	\$0	\$192,000
	045-27-04	Keyes Sheriff's Substation	O	\$192,000	\$5,114	\$0	\$197,114
	045-32-01	Keyes Branch Library	L	\$192,000	\$329,192	\$0	\$521,192
	047-22-33	Patterson WIC Office	L	\$96,000	\$20,455	\$0	\$116,455
	052-63-19	Emergency Services Center	O	\$3,600,000	\$6,109,885	\$0	\$9,709,885
	055-07-09	McHenry Medical Office	L	\$3,229,170	\$0	\$0	\$3,229,170
	061-33-56	Turlock Branch Library	O	\$1,600,000	\$2,230,064	\$0	\$3,830,064
	063-18-18	Oakdale Prenatal Center	L	\$904,000	\$101,170	\$0	\$1,005,170
	064-44-28	Behavioral Health and Recovery Servi	L	\$784,000	\$0	\$0	\$784,000
	068-42-12	Stanislaus Behavioral Health Center	O	\$8,639,840	\$1,412,122	\$0	\$10,051,962
	069-13-27	Ceres Medical Office	L	\$1,677,690	\$0	\$0	\$1,677,690
	070-13-31	Turlock Recovery Center	L	\$1,236,800	\$0	\$0	\$1,236,800

Jurisdiction	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
	072-38-01	Turlock Medical Office	L	\$1,228,500	\$0	\$0	\$1,228,500
	077-18-51	Modesto Traffic Court	L	\$1,645,600	\$0	\$0	\$1,645,600
	081-12-06	Juvenile Justice Center (County Cent	O	\$19,095,108	\$1,261,384	\$0	\$20,356,492
	086-15-05	Agricultural Center	O	\$19,500,640	\$1,942,993	\$0	\$21,443,633
	086-15-05	Ray Simon Regional Criminal Justice	O	\$3,618,400	\$480,296	\$1,925,000	\$6,023,696
	086-15-14	Public Safety Center	O	\$60,517,110	\$7,214,534	\$11,630,000	\$79,361,644
	086-15-14	Sheriff's Operations Center	O	\$7,234,560	\$1,108,143	\$0	\$8,342,703
	086-15-15	Fleet Services	O	\$2,343,500	\$185,115	\$0	\$2,528,615
	086-15-16	Family Services Center	O	\$40,376,960	\$8,131,200	\$0	\$48,508,160
	102-12-01	Mancini Hall	L	\$540,000	\$101,622	\$0	\$641,622
	103-15-04	609 5th Street Modesto	L	\$181,600	\$0	\$0	\$181,600
	104-05-01	722 I Street Modesto	L	\$1,120,000	\$0	\$0	\$1,120,000
	105-06-12	Modesto Main Library	O	\$9,920,000	\$0	\$0	\$9,920,000
	105-21-06	Stanislaus County Law Library	L	\$1,130,000	\$511,374	\$0	\$1,641,374
	105-23-07	Stanislaus County Job Center	L	\$2,000,000	\$322,958	\$0	\$2,322,958
	105-23-09	920 12th Street Modesto	L	\$819,200	\$0	\$0	\$819,200
	105-24-09	12th Street Office/Parking	O	\$7,680,000	\$0	\$0	\$7,680,000
	105-25-01	Capital Projects Office	O	\$345,600	\$56,164	\$0	\$401,764
	105-25-01	Downtown Men's Jail	O	\$7,701,408	\$590,743	\$0	\$8,292,151
	105-25-01	Modesto Main Courthouse	O	\$13,634,078	\$780,633	\$0	\$14,414,711
	105-37-34	Tenth Street Place	O	\$11,945,360	\$0	\$0	\$11,945,360
	105-38-23	1021 I Street (Admin. Annex #4)	O	\$7,016,480	\$8,317,837	\$0	\$15,334,317
	105-39-05	Former City Hall Building	O	\$7,090,940	\$0	\$0	\$7,090,940
	105-39-12	Gallo Center for the Arts	O	\$18,060,000	\$0	\$0	\$18,060,000
	105-40-18	Child Abduction Unit Office	L	\$1,104,000	\$178,981	\$0	\$1,282,981

Jurisdiction	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
	106-02-10	Medical Arts Building	O	\$3,780,000	\$866,567	\$0	\$4,646,567
	106-08-10	Children's Outpatient Services	L	\$971,680	\$102,275	\$0	\$1,073,955
	106-16-03	621 14th Street Modesto	L	\$201,440	\$0	\$0	\$201,440
	106-16-03	Aging & Veterans Services	L	\$1,120,000	\$0	\$0	\$1,120,000
	106-28-12	Former County Administration Building	L	\$0	\$8,804,366	\$3,330,000	\$12,134,366
	111-10-15	Scenic Clinic	L	\$289,760	\$127,843	\$0	\$417,603
	111-48-01	County Center II	O	\$36,664,780	\$14,423,702	\$0	\$51,088,482
	111-48-01	County Center III Support	O	\$297,540	\$63,282	\$0	\$360,822
	113-17-06	Empire Community Center	O	\$688,000	\$459,326	\$0	\$1,147,326
	127-16-14	Ceres Superior Court	O	\$400,000	\$0	\$0	\$400,000
	127-16-16	Ceres Counseling Center	L	\$1,802,810	\$117,807	\$0	\$1,920,617
	127-16-37	Ceres Branch Library	O	\$672,000	\$789,469	\$0	\$1,461,469
	128-05-44	Newman Branch Library	O	\$418,080	\$446,541	\$0	\$864,621
	130-03-36	Oakdale Community Care Center	L	\$587,840	\$20,953	\$0	\$608,793
	130-09-45	Oakdale Branch Library	O	\$1,040,000	\$1,210,759	\$0	\$2,250,759
	131-04-01	Public Works Patterson Yard	O	\$168,634	\$46,720	\$0	\$215,354
	131-14-20	Patterson Branch Library	O	\$1,088,000	\$761,282	\$0	\$1,849,282
	131-15-49	Behavioral Health and Recovery Servi	L	\$404,800	\$0	\$0	\$404,800
	132-12-15	Riverbank Branch Library	O	\$575,040	\$656,098	\$0	\$1,231,138
	134-07-27	Waterford Branch Library	O	\$480,000	\$534,951	\$0	\$1,014,951
	135-47-04	Salida Medical Office	L	\$187,320	\$25,569	\$0	\$212,889
	135-49-05	Salida Sheriff's Substation	L	\$719,520	\$20,166	\$0	\$739,686
	135-53-06	Nick W. Blom Salida Regional Library	O	\$9,760,000	\$2,817,361	\$0	\$12,577,361

Jurisdiction	APN	Description	Own/Lease	Prop Value	Pers Value	Rent Value	Total Value
Grand Total % of County Facilities			Count = 91 100.00%	\$ 394,688,971 100.00%	\$ 86,177,400 100.00%	\$ 16,937,998 100.00%	\$ 497,804,369 100.00%



Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Future Facilities
All Facilities

Jurisdiction	APN	Description	To Be Built	Prop Value	Pers Value	Rent Value	Total Value
STANISLAUS COUNTY							
	002-07-16	14528 26 Mile Road	2005	\$3,000,000	\$0	\$0	\$3,000,000
	007-44-06		2004	\$90,000	\$0	\$0	\$90,000
	009-07-09		2004	\$1,420,202	\$0	\$0	\$1,420,202
	009-07-09		2007	\$750,000	\$0	\$0	\$750,000
	016-34-06	8900 Laird Street	2004	\$1,295,000	\$0	\$0	\$1,295,000
	027-03-04		2005	\$800,000	\$0	\$0	\$800,000
	039-10-02	2846 Finch Road	2007	\$2,000,000	\$0	\$0	\$2,000,000
	039-10-02	2846 Finch Road	2007	\$6,050,000	\$0	\$0	\$6,050,000
	039-10-02	2846 Finch Road	2010	\$500,000	\$0	\$0	\$500,000
	039-10-02	2846 Finch Road	2005	\$210,000	\$0	\$0	\$210,000
	086-15-05	3800 Cornucopia Way	2009	\$25,000,000	\$0	\$0	\$25,000,000
	086-15-14	250 E Hackett Road	2012	\$50,000,000	\$0	\$0	\$50,000,000
	086-15-16	251 E Hackett Road	2012	\$7,540,000	\$0	\$0	\$7,540,000
	102-12-01	718 Tuolumne	2012	\$200,000	\$0	\$0	\$200,000
	105-24-09	830-850 12th Street	2005	\$20,888,797	\$0	\$0	\$20,888,797
	105-39-12	1000 I Street	2006	\$22,000,000	\$0	\$0	\$22,000,000
	134-07-46		2006	\$5,185,000	\$0	\$0	\$5,185,000
	134-07-47		2006	\$5,185,000	\$0	\$0	\$5,185,000

Jurisdiction	APN	Description	To Be Built	Prop Value	Pers Value	Rent Value	Total Value
	134-07-73		2006	\$5,185,000	\$0	\$0	\$5,185,000
	134-07-74		2006	\$5,185,000	\$0	\$0	\$5,185,000
	134-07-78		2006	\$5,185,000	\$0	\$0	\$5,185,000

Grand Total
% of County Facilities

Count = 21
100.00%

\$167,668,999
100.00%

\$0
0.00%

\$0
0.00%

\$167,668,999
100.00%

Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Bridges All Bridges



Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY					
	38C-0001	STANISLAUS RIVER	ORANGE BLOSSOM	Girder	\$6,359,977
	38C-0002	DRY SLOUGH	McHENRY	Slab	\$2,389,912
	38C-0003	TUOLUMNE RIVER	SANTA FE	Girder	\$4,944,820
	38C-0004	TUOLUMNE RIVER	HICKMAN	Girder	\$7,734,211
	38C-0005	TUOLUMNE RIVER	ROBERTS FERRY	Girder	\$4,956,000
	38C-0008	ROCK RIVER	COOPERSTOWN	Slab	\$1,184,992
	38C-0009	DRY CREEK	CRABTREE	Girder	\$748,883
	38C-0010	SAN JOAQUIN RIVER	CROWS LANDING	Girder	\$6,857,073
	38C-0011	ORESTIMBA CREEK	ORESTIMBA	Slab	\$1,224,969
	38C-0012	ORESTIMBA CREEK	ANDERSON	Slab	
	38C-0013	LITTLE JOHN CREEK	SONORA	Slab	\$1,045,013
	38C-0014	DRY CREEK TRIBUTARY	CLARIBEL	Slab	\$808,497
	38C-0015	DRY CREEK TRIBUTARY	CLARIBEL	Slab	\$989,480
	38C-0016	SAN JOAQUIN RIVER	GRAYSON	Girder	\$2,610,382
	38C-0017	LITTLE JOHN CREEK	TWENTY-SIX MILE	Slab	\$2,250,364
	38C-0018	TUOLUMNE RIVER	SHILOH	Girder	\$4,679,087
	38C-0019	WASHINGTON CREEK	DEL PUERTO CANYON	Slab	\$112,069
	38C-0020	SSJID RESERVOIR (WDWRD)	TWENTY-EIGHT MILE	Slab	\$791,126
	38C-0021	LITTLE JOHN CREEK	SONORA	Slab	\$1,575,656

Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY	38C-0023	TUOLUMNE RIVER	SEVENTH	Girder	\$18,585,000
	38C-0024	LITTLE JOHN CREEK TRIBUTARY	SONORA	Slab	\$1,715,611
	38C-0025	DRY CREEK	ALBERS	Girder	\$2,577,613
	38C-0027	LAIRD SLOUGH	GRAYSON	Slab	\$2,942,850
	38C-0031	SAN JOAQUIN & KINGS RIVER CANAL	STUHR	Girder	\$660,940
	38C-0032	STANISLAUS RIVER	McHENRY	Girder	\$12,271,516
	38C-0033	SAN JOAQUIN RIVER	LAS PALMAS	Girder	\$7,450,151
	38C-0038	DRY CREEK	WELLSFORD	Girder	\$2,633,701
	38C-0039	TID MAIN CANAL	LAKE	Slab	\$1,004,821
	38C-0041	DEL PUERTO CREEK	DEL PUERTO CANYON	Slab	\$107,357
	38C-0042	ORESTIMBA CREEK	MORRIS	Slab	
	38C-0043	ORESTIMBA CREEK	RIVER	Slab	\$612,699
	38C-0044	TUOLUMNE RIVER	MITCHELL	Girder	\$20,454,013
	38C-0045	LITTLE JOHN CREEK	FRANKENHEIMER	Slab	\$1,140,093
	38C-0047	DRY CREEK	CHURCH	Girder	\$3,908,029
	38C-0048	TUOLUMNE RIVER	GEER	Girder	\$7,769,190
	38C-0049	MID MAIN CANAL	ALBERS	Slab	\$604,456
	38C-0050	TUOLUMNE RIVER	CARPENTER	Girder	\$7,485,473
38C-0051	MID LATERAL #1	GEER	Slab	\$225,142	
38C-0052	CERES MAIN CANAL	ROHDE	Slab	\$260,650	
38C-0053	CALIFORNIA AQUEDUCT	SPERRY	Slab	\$1,251,253	
38C-0055	DRY CREEK	OAKDALE-WATERFORD	Girder	\$4,183,401	
38C-0059	INGRAM CREEK	McCRACKEN	Slab	\$529,329	
38C-0061	TUOLUMNE RIVER	NINTH	Girder	\$60,180,000	
38C-0068	MID LATERAL #6	SALIDA	Slab	\$320,822	

Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY	38C-0069	MID LATERAL #6	SALIDA	Slab	\$228,366
	38C-0072	TID HIGHLINE CANAL	MONTPELIER	Slab	\$313,640
	38C-0073	DRY CREEK	TIM BELL	Girder	\$927,397
	38C-0076	MID MAIN CANAL	OAKDALE-WATERFORD	Slab	\$586,080
	38C-0078	OID CLARIBEL LATERAL	OAKDALE-WATERFORD	Slab	\$209,323
	38C-0079	SSJID TULLOCH LATERAL	VALLEY HOME	Slab	\$258,447
	38C-0080	LONE TREE CREEK	VALLEY HOME	Slab	\$252,239
	38C-0083	TID LATERAL #3	SANTA FE	Slab	\$179,669
	38C-0084	TID LATERAL #1 (CERES MAIN)	SANTA FE	Slab	\$536,211
	38C-0087	MID MAIN CANAL (RIVERBANK LATERAL)	CLAUS	Slab	\$448,610
	38C-0090	TID MAIN CANAL	WHITMORE	Slab	\$402,588
	38C-0091	TID LATERAL #1 (CERES MAIN)	HICKMAN	Slab	\$612,198
	38C-0092	TID LATERAL #1 (CERES MAIN)	GEER	Slab	\$512,124
	38C-0094	CALIFORNIA AQUEDUCT	FINK	Slab	\$1,279,832
	38C-0095	DELTA MENDOTA CANAL	FINK	Slab	\$632,389
	38C-0096	SAN JOAQUIN & KINGS RIVER CANAL	CROWS LANDING	Girder	\$726,440
	38C-0098	TID LATERAL #5	CROWS LANDING	Slab	\$173,958
	38C-0101	DELTA MENDOTA CANAL	HAMILTON	Slab	\$683,406
	38C-0103	DELTA MENDOTA CANAL	SPERRY	Slab	\$671,482
38C-0104	SALADO CREEK	SPERRY	Slab	\$173,958	
38C-0105	TID MAIN CANAL	EAST	Slab	\$313,626	
38C-0106	TID MAIN CANAL	EAST	Slab	\$174,507	
38C-0107	MID LATERAL #5	STONE	Slab	\$133,858	
38C-0108	MID LATERAL #6	FINNEY	Slab	\$275,608	
38C-0109	MID LATERAL #6	DALE	Slab	\$235,847	

Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY	38C-0110	MID MAIN CANAL	AMERICAN	Slab	\$150,493
	38C-0111	GASBURG CREEK	OLD LA GRANGE	Slab	\$451,788
	38C-0113	MID LATERAL #6	CLARIBEL	Slab	\$499,507
	38C-0114	MID MAIN CANAL	CLARIBEL	Slab	\$810,146
	38C-0116	MID LATERAL #5	PARADISE	Slab	\$273,362
	38C-0117	CALIFORNIA AQUEDUCT	HOWARD	Slab	\$1,349,415
	38C-0118	DELTA MENDOTA CANAL	HOWARD	Slab	\$679,200
	38C-0123	TID LATERAL #2	CARPENTER	Slab	\$249,736
	38C-0124	TID LATERAL #1	CARPENTER	Slab	\$253,123
	38C-0125	TID LATERAL #1 (CERES MAIN CANAL)	HATCH	Slab	\$257,759
	38C-0129	RIVER ROAD UNDERPASS	RIVER	Slab	
	38C-0137	MID LATERAL #5	CHICAGO	Slab	\$315,036
	38C-0138	MID LATERAL #5	CALIFORNIA	Slab	\$233,100
	38C-0141	TURLOCK OVERHEAD	GOLDEN STATE	Slab	\$15,853,624
	38C-0144	TID MAIN CANAL (DAWSON LAKE)	LA GRANGE	Slab	\$772,870
38C-0145	TUOLUMNE RIVER	LA GRANGE	Girder	\$7,062,221	
38C-0146	MID MAIN CANAL	LA GRANGE	Slab	\$817,721	
38C-0147	MID MAIN CANAL	WELLSFORD	Slab	\$1,051,154	
38C-0148	CERES MAIN CANAL	BOOTH	Slab	\$249,084	
38C-0149	TID LATERAL #1 (CERES MAIN)	FAITH HOME	Slab	\$362,205	
38C-0150	TID LATERAL #1 (CERES MAIN)	GILBERT	Slab	\$238,547	
38C-0151	TID LATERAL #1 (CERES MAIN)	BALDWIN	Slab	\$242,107	
38C-0152	TID LATERAL #1 (CERES MAIN)	SEVENTH	Slab	\$369,039	
38C-0154	SSJID MAIN CANAL	PLEASANT VALLEY	Slab	\$556,665	
38C-0155	TID LATERAL #1 (CERES MAIN)	SWANSON	Slab	\$248,033	

Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY	38C-0156	TID MAIN CANAL	LAKE	Slab	\$531,336
	38C-0157	TID LATERAL #1 (TURLOCK MAIN)	MONTPELIER	Slab	\$407,248
	38C-0158	TID MAIN CANAL	LAMPLEY	Slab	\$346,912
	38C-0159	TID MAIN CANAL	DENTON	Slab	\$405,933
	38C-0161	TID MAIN CANAL	SANTE FE	Slab	\$334,534
	38C-0162	HOODS CREEK	DUNTON	Slab	\$752,702
	38C-0164	MID MAIN CANAL	SKITONE	Slab	\$136,084
	38C-0166	MID MAIN CANAL	CARVER	Slab	\$246,026
	38C-0167	NEWMAN WASTEWAY	UPPER	Slab	\$881,450
	38C-0169	SSJID MAIN CANAL	SHELL	Slab	\$110,779
	38C-0170	GALLUP CREEK	COOPERSTOWN	Slab	\$200,244
	38C-0171	TID MAIN CANAL	LAKE	Slab	\$494,704
	38C-0174	DEL PUERTO CREEK	DEL PUERTO CANYON	Slab	\$204,926
	38C-0175	WASHINGTON CREEK	DEL PUERTO CANYON	Slab	\$112,069
	38C-0176	MID MAIN CANAL	RICE	Slab	\$345,383
	38C-0177	MID MAIN CANAL	DEWITT	Slab	\$317,138
	38C-0178	MID MAIN CANAL	DUSTY	Slab	\$404,963
	38C-0179	MID LATERAL #3	SANTE FE	Slab	\$317,138
38C-0180	SAN JOAQUIN & KINGS RIVER CANAL	SHELLS	Girder	\$482,502	
38C-0181	SAN JOAQUIN & KINGS RIVER CANAL	MOOREHEAD	Girder	\$482,502	
38C-0182	NEWMAN WASTEWAY	EASTIN	Slab	\$266,074	
38C-0183	SAN JOAQUIN & KINGS RIVER CANAL	ANDERSON	Girder	\$430,453	
38C-0184	PID CANAL	ELM	Slab	\$156,753	
38C-0185	PID CANAL	SYCAMORE	Slab	\$116,872	
38C-0186	TID LATERAL #5.5	MORGAN	Slab	\$154,794	

Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY	38C-0187	DELTA MENDOTA WASTEWAY	STARK	Slab	\$329,630
	38C-0188	WEST STANISLAUS LATERAL #5 SOUTH	WEST STANISLAUS	Slab	\$132,141
	38C-0189	SALADO CREEK	WARD	Slab	\$173,604
	38C-0190	TID LATERAL #5	WALNUT	Slab	\$143,037
	38C-0191	TID LATERAL #4	FAITH HOME	Slab	\$130,468
	38C-0192	TID LATERAL #1 (CERES MAIN CANAL)	FULKERTH	Slab	\$153,898
	38C-0193	TID LATERAL #1 (CERES MAIN CANAL)	KEYES	Slab	\$181,413
	38C-0194	TID LATERAL #2	MITCHELL	Slab	\$135,489
	38C-0195	TID UPPER LATERAL #3	WALNUT	Slab	\$112,083
	38C-0197	MID LATERAL #8	HAMMETT	Slab	\$168,252
	38C-0198	ROCK CREEK	MILTON	Slab	\$225,142
	38C-0199	ROCK CREEK	MILTON	Slab	\$216,300
	38C-0200	CALIFORNIA AQUEDUCT	SULLIVAN	Slab	\$1,066,901
	38C-0201	CALIFORNIA AQUEDUCT	PETE MILLER	Slab	\$1,059,804
	38C-0202	DELTA MENDOTA CANAL	PETE MILLER	Slab	\$887,686
	38C-0203	SAN JOAQUIN & KINGS RIVER CANAL	DRAPER	Girder	\$671,076
	38C-0204	SAN JOAQUIN & KINGS RIVER CANAL	ORESTIMBA	Girder	\$632,134
	38C-0205	DELTA MENDOTA CANAL	ORESTIMBA	Slab	\$696,429
	38C-0206	DELTA MENDOTA CANAL	STUHR	Slab	\$675,640
	38C-0207	CALIFORNIA AQUEDUCT	ORESTIMBA	Slab	\$1,066,901
38C-0208	SAN JOAQUIN & KINGS RIVER CANAL	FIFTH	Girder	\$430,453	
38C-0209	DELTA MENDOTA CANAL	DAVIS	Slab	\$721,375	
38C-0210	CALIFORNIA AQUEDUCT	WARD	Slab	\$1,386,692	
38C-0211	CALIFORNIA AQUEDUCT	OAK FLAT	Slab	\$1,095,289	
38C-0212	DELTA MENDOTA CANAL	MARSHALL	Slab	\$677,718	

Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY	38C-0213	DELTA MENDOTA CANAL	WARD	Slab	\$683,955
	38C-0214	DELTA MENDOTA CANAL	ROGERS	Slab	\$677,718
	38C-0215	DEL PUERTO CREEK	ROGERS	Slab	\$496,783
	38C-0216	SALADO CREEK	OLIVE	Slab	\$268,464
	38C-0217	DEL PUERTO CREEK	VINEYARD	Slab	\$272,980
	38C-0218	WESTLY WASTEWAY	FRANK COX	Slab	\$383,940
	38C-0219	WESTLEY WASTEWAY	COX	Slab	\$272,316
	38C-0220	DELTA MENDOTA CANAL	WELTY	Slab	\$702,665
	38C-0221	DELTA MENDOTA CANAL	GAFFERY	Slab	\$848,188
	38C-0222	CERES MAIN CANAL	SERVICE	Slab	\$265,517
	38C-0223	CERES MAIN CANAL	CLINTON	Slab	\$327,408
	38C-0224	CERES MAIN CANAL	TULLY	Slab	\$475,259
	38C-0225	TID MAIN CANAL	KEYES	Slab	\$468,539
	38C-0226	MID LATERAL #6	COVERT	Slab	\$265,870
	38C-0228	MID LATERAL #6	COFFEE	Slab	\$377,737
	38C-0230	MID MAIN CANAL	MILNES	Slab	\$377,737
	38C-0231	ROCK CREEK	MILTON	Slab	\$1,031,417
	38C-0232	HOODS CREEK	MILTON	Slab	\$609,330
	38C-0233	SHIRLEY CREEK	DUNTON	Slab	\$181,365
	38C-0234	SSJID MAIN CANAL	TWENTY-SIX MILE	Slab	\$243,350
	38C-0236	MID MAIN CANAL	SAINT FRANCIS	Slab	\$260,937
	38C-0237	TID MAIN CANAL	MONTE VISTA	Slab	\$396,467
	38C-0238	NEWMAN WASTEWAY	DRAPER	Slab	\$867,280
	38C-0239	DELTA MENDOTA CANAL	NEEDHAM	Slab	\$860,231
38C-0240	CALIFORNIA AQUEDUCT	McCRACKEN	Slab	\$1,279,832	

Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY	38C-0241	DELTA MENDOTA CANAL	McCRACKEN	Slab	\$829,167
	38C-0242	WEST STANISLAUS LATERAL #4 SOUTH	WEST STANISLAUS	Slab	\$122,344
	38C-0243	INGRAM CREEK	HAMILTON	Slab	\$190,498
	38C-0244	TID LATERAL #1 (CERES MAIN CANAL)	MONTE VISTA	Slab	\$177,972
	38C-0245	TID LATERAL #1 (CERES MAIN CANAL)	ROEDING	Slab	\$198,834
	38C-0246	TID HIGH LINE CANAL	KEYES	Slab	\$236,516
	38C-0247	TID HIGH LINE CANAL	MONTE VISTA	Slab	\$240,004
	38C-0249	MID MAIN CANAL	TERMINAL	Slab	\$492,267
	38C-0251	MID MAIN CANAL	LANGWORTH	Slab	\$598,927
	38C-0252	TID LATERAL #1 (CERES MAIN)	ALDERICH	Slab	\$226,487
	38C-0253	WILDCAT CREEK	WILLMS	Slab	\$321,798
	38C-0255	DRY CREEK TRIBUTARY	COOPERSTOWN	Slab	\$200,244
	38C-0256	DRY CREEK TRIBUTARY	COOPERSTOWN	Slab	\$177,446
	38C-0257	RYBERG CREEK	COOPERSTOWN	Slab	\$297,318
	38C-0258	JOHNSON CREEK	COOPERSTOWN	Slab	\$161,699
	38C-0259	DRY CREEK	COOPERSTOWN	Girder	\$186,363
	38C-0261	SSJID MAIN CANAL	LAMBUTH	Slab	\$248,153
	38C-0262	LONE TREE CREEK	PIONEER	Slab	\$154,555
	38C-0263	SSJID MAIN CANAL	PIONEER	Slab	\$248,153
	38C-0264	SSJID MAIN CANAL	VICTORY	Slab	\$462,971
38C-0265	DRY CREEK TRIBUTARY	CROW	Girder	\$319,308	
38C-0266	MID MAIN CANAL	HAZELDEAN	Slab	\$321,758	
38C-0267	MID MAIN CANAL	CRABTREE	Slab		
38C-0268	TID MAIN CANAL	LAKE	Slab	\$471,932	
38C-0269	PEASLEE CREEK	LAKE	Slab	\$313,626	

Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY	38C-0270	DRY CREEK TRIBUTARY	WARNERVILLE	Slab	\$161,699
	38C-0272	MARTELL CREEK	SONORA	Slab	\$395,443
	38C-0273	MARTELL CREEK	SONORA	Slab	\$297,783
	38C-0274	MID LATERAL #5	PAULINE	Slab	\$112,069
	38C-0275	MID LATERAL #4	PAULINE	Slab	\$308,751
	38C-0278	DRY CREEK TRIBUTARY	WILLMS	Slab	\$200,123
	38C-0279	MID LATERAL #5	HOUSER	Slab	\$247,746
	38C-0280	TID HIGH LINE CANAL	LAKE	Slab	\$203,758
	38C-0282	MID MAIN CANAL	MINNIER	Slab	\$145,690
	38C-0284	MID MAIN CANAL	TIM BELL	Slab	\$492,049
	38C-0285	MID MAIN CANAL	N REINWAY	Slab	\$322,344
	38C-0286	MID LATERAL #2	CHURCH	Slab	\$190,715
	38C-0287	MID MAIN CANAL	CHURCH	Slab	\$243,344
	38C-0288	MID MAIN CANAL	RESERVOIR	Slab	\$439,988
	38C-0289	MID MAIN CANAL	RESERVOIR	Slab	\$568,721
	38C-0290	MID LOWER WATERFORD CANAL	HAZELDEAN	Slab	\$287,804
	38C-0291	MID MAIN CANAL	HOOPER	Slab	\$345,814
	38C-0292	MID MAIN CANAL	BLOSSOM	Slab	\$326,589
	38C-0294	SSJID MAIN CANAL	SONORA	Slab	\$146,000
	38C-0295	TID LATERAL #2	MORGAN	Slab	\$226,766
38C-0296	DELTA MENDOTA CANAL	DIEHL	Slab	\$675,640	
38C-0300	MID LATERAL #6	DALE	Slab	\$166,491	
38C-0301	TID LATERAL #3	TEGNER	Slab	\$115,449	
38C-0302	TID LATERAL #5	TEGNER	Slab	\$113,766	
38C-0304	MID LATERAL #7	BECKWITH	Slab	\$243,541	

Jurisdiction	Bridge #	Crossing	Road Name	Type	Cost
STANISLAUS COUNTY	38C-0305	MID LATERAL #7	DAKOTA	Slab	\$181,413
	38C-0306	TID LATERAL #3	FAITH HOME	Slab	\$177,355
	38C-0307	DRY CREEK TRIBUTARY	WARNERVILLE	Slab	\$156,897
	38C-0308	MID LATERAL #6	WILLIAMS	Slab	\$136,084
	38C-0309	MID LATERAL #6	JACKSON	Slab	\$142,177
	38C-0310	MID LATERAL #6	DUNN	Slab	\$113,742
	38C-0311	MID LATERAL #4	ROSEMORE	Slab	\$183,157
	38C-0312	MID LATERAL #2	WELLSFORD	Slab	\$181,413
	38C-0313	TID MAIN CANAL	WARNER	Slab	\$121,675
	38C-0314	TID LATERAL #2	GRIFFIN	Slab	\$115,414
	38C-0315	DEL PUERTO CREEK	OFF ROAD VEHICLE PARK	Slab	\$61,889
	38C-0317	STANISLAUS RIVER	SONORA	Slab	\$3,552,000
	38C-0319	SSJID MAIN CANAL	FRANKENHEIMER	Slab	\$347,903
	38C-0321	CERES MAIN CANAL	PRAIRIE FLOWER	Slab	\$327,748
	38C-0322	MID LATERAL #6	HAMMETT	Slab	\$195,941
	39C-0001	SAN JOAQUIN RIVER	HILLS FERRY	Girder	\$2,571,456

Grand Total
% of County Bridges
Count = 235
100.00%

\$311,871,403
100.00%



Stanislaus County Local Hazard Mitigation Plan

Stanislaus County Drainage Districts All Drainage Districts

Jurisdiction	Co No	Sub Division	Location	Cost
STANISLAUS COUNTY				
	C-1	PECOS AVENUE - PORTER ESTATES NO. 2	AERON STREET (CERES)	\$357,500
	C-2	SOLAR AVENUE - HERNDON ESTATES	ORBIT LANE (CERES)	\$357,500
	C-3	ORLANDO DRIVE	WESTLEY DRIVE (CERES)	\$357,500
	D-1	CORONA WAY - GLENMOOR ESTATES	W/MILLS STREET	\$357,500
	D-2	KATELLA DRIVE - GLENMOOR ESTATES	CHALMER WAY	\$357,500
	D-3	BRANDI WAY - REICH MANOR NO. 3	W/GRATTON	\$357,500
	D-4	ARDENCOURT - WALNUT GREEN ESTATES	S/GREENVIEW	\$357,500
	D-5	WINDGATE DRIVE - WALNUT GREEN NORTH	W/SPERRY	\$357,500
	D-7	ROMIE WAY - MYSTY LAND ESTATES	N/WALTON	\$357,500
	E-1	NORTH EMPIRE MANOR UNIT #3 (17-PM-74)	CAMERON WAY	\$357,500
	E-2	RAVENNA WAY - ENTERPRISE HOMES	N/TYSON STREET	\$357,500
	E-3	ESTATES DRIVE - SHERMAN ESTATES	E/CHURCH STREET	\$357,500
	E-4	MARY LOU DRIVE - HONEY BEE ESTATES CSA NO. 8	N/FRONA DRIVE	\$357,500
	K-1	STARLITE DRIVE - STARLITE PLACE CSA NO. 5	W/FAITH HOME ROAD	\$357,500
	K-2	CASABA WAY - RAYMOND TRACT CSA NO. 6	S/STELLA (KEYES)	\$357,500
	K-3	SUNSET TERRACE - KEYES NORTH	W/GREENDALE (KEYES)	\$357,500
	K-4	LA JOLLA	BLACK BERRY WAY	\$357,500
	M-1	PIN RIDGE PLAZA	SOUZA AVE	\$357,500

Jurisdiction	Co No	Sub Division	Location	Cost
STANISLAUS COUNTY				
	M-10	LAVERTY INDUSTRIAL PARK ()	WELLS AVE	\$357,500
	M-11	DEL RIO HEIGHTS	HARTLEY DR	\$357,500
	M-2	46-PM-63	AUTO CENTER CT	\$357,500
	M-3	FARRAR AVE	FARRAR AVE	\$357,500
	M-4	PARKLAWN AVENUE - IN OLYMPIC PARK	PEARSON AVENUE	\$357,500
	M-5	HARTLEY DRIVE - WALNUTWOODS	S/END WALNUTWOOD DRIVE	\$357,500
	M-6	HILLCREST DRIVE - RANCH DEL RIO	S/COUNTRY CLUB DRIVE	\$357,500
	M-7	SHERRY COURT	E/SHERRY LANE	\$357,500
	M-8	COUNTRY CLUB - COUNTRY CLUB LANE	E/DEL RIO	\$357,500
	M-9	35-PM-34	GALAXY WAY	\$357,500
	O-1	MOUNTAIN OAK - SUNSET OAKS NO. 10	N/ORANGE BLOSSOM 9 (N/E CORN	\$357,500
	O-2	ST. ANDREWS - OAKDALE CC ESTATES	2500 ATLAS	\$357,500
	O-3	RIO CASA DRIVE - RIO CASA ESTATES	S/DIXON ROAD	\$357,500
	O-4	RIO SOMBRA DRIVE - HUNTER RANCH ESTATES	W/MORRIS HUNTER	\$357,500
	O-5	SIERRA SUNSET	RANCH WOOD CT	\$357,500
	S-1	GREENLEAF COURT - GREENLEAF INDUSTRIAL PARK	E/SISK ROAD	\$672,500
	S-10	STODDARD ROAD - LANDMARK BUSINESS CENTER	S/KIERNAN	\$672,500
	S-11	SOMERSET ESTATES NO.1	WINCANTON WAY	\$672,500
	S-12	PARKSIDE PLAZA NO.1	TOOMES RD-WHITESTONE WAY	\$672,500
	S-2	DURLEY DRIVE - CLARENDON WOODS NO. 1	AT WESSEX LANE	\$672,500
	S-3	ALYSSA AVENUE - KIERNAN ESTATES	N/HORACE WAY	\$672,500
	S-4	ZINFANDEL AVENUE - DeARBOLES ESTATES	N/ESCAMILLA AVENUE	\$672,500
	S-5	ZINFANDEL AVENUE - EDGEWOOD ESTATES	N/PARKS AVENUE	\$672,500
	S-6	STILLWATER DRIVE - SUNNYBROOK VILLAGE	E/OVERLAND PLACE	\$672,500

Jurisdiction	Co No	Sub Division	Location	Cost
STANISLAUS COUNTY				
	S-7	DANIEL COURT - SUNNYBROOK VILLAGE WEST	E/DANIEL	\$672,500
	S-8	ELMSBURY DRIVE - BRISTOL GLEN CSA NO. 4	AT KILLIGREW	\$672,500
	S-9	PIRRONE ROAD - MORGAN GLEN ESTATES	N/KIERNAN AVENUE	\$672,500
	T-1	EVELLE LANE - LA JUNEAE ESTATES	E/JOHNSON (TURLOCK)	\$357,500
Grand Total				\$20,225,000
% of County Total				100.00%
			Count = 46	
			93.88%	

Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Lighting Districts
All Lighting Districts



Jurisdiction	District	Title	Number	Cost
STANISLAUS COUNTY				
	AIRPORT NEIGHBORHOOD		64	\$234,048
	ALMOND WOOD ESTATES - A		10*	\$36,570
	ALMOND WOOD ESTATES - B		33*	\$120,681
	ALMOND WOOD ESTATES - C		2*	\$7,314
	COUNTY CLUB ESTATES - A		18*	\$65,826
	COUNTY CLUB ESTATES - B		1*	\$3,657
	COUNTY CLUB ESTATES - C		5*	\$18,285
	CROWS LANDING		21	\$76,797
	DEO GLORIA ESTATES		26	\$95,082
	FAIRVIEW TRACT		35	\$127,995
	GIBBS RANCH - A	THE GIBBS RANCH LIGHTING DISTRICT	1*	\$3,657
	GIBBS RANCH - B		4*	\$14,628
	GILBERT ROAD		2	\$7,314
	HILLCREST - A		27*	\$98,739
	HILLCREST - B		6*	\$21,942
	HILLCREST - C		13*	\$47,541
	HILLCREST - D		34*	\$124,338
	HOWARD/MCCRACKEN LAND./LIGHT.DIST.	HOWARD/MCCRACKEN LAND./LIGHT.	13	\$47,541

Wednesday, August 11, 2004

* Indicates that the count is an estimate

Jurisdiction	District	Title	Number	Cost
STANISLAUS COUNTY				
	MANCINI PARK		34	\$124,338
	MONTEREY PARK TRACT		11	\$40,227
	NORTH MC HENRY - A	PENTECOSTAL ANNEXATION AREA NO. 1	5*	\$18,285
	NORTH MC HENRY - B		2*	\$7,314
	NORTH MC HENRY - C	PENTECOSTAL ANNEXATION AREA NO. 2	2*	\$7,314
	NORTH MC HENRY - D		1*	\$3,657
	NORTH MC HENRY - E	NORTH MC HENRY	2*	\$7,314
	NORTH MC HENRY - F	MISTLIN HONDA ANNEXATION	2*	\$7,314
	NORTH MC HENRY - G		1*	\$3,657
	NORTH MC HENRY - H		3*	\$10,971
	NORTH MC HENRY - I		2*	\$7,314
	NORTH MC HENRY - J		1*	\$3,657
	NORTH MC HENRY - K	BERBERIAN TURST ANNEX	5*	\$18,285
	NORTH MC HENRY - L		1*	\$3,657
	NORTH MC HENRY - M		3*	\$10,971
	NORTH MC HENRY - N		3*	\$10,971
	NORTH MC HENRY - O		8*	\$29,256
	NORTH OAKS - A	NORTH WOODS ANNEXATION	1*	\$3,657
	NORTH OAKS - B		18*	\$65,826
	OLYMPIC TRACT		44	\$160,908
	PATTERSON GATEWAY		26	\$95,082
	PEACH BLOSSOM ESTATES		5	\$18,285
	RICHLAND TRACT		20	\$73,140
	RIVERDALE LANDSCAPE AND LIGHTING	RIVERDALE LANDSCAPE & LIGHT.	36	\$131,652

Wednesday, August 11, 2004

* Indicates that the count is an estimate

Jurisdiction	District	Title	Number	Cost
STANISLAUS COUNTY				
	RIVERVIEW LANDSCAPE & LIGHT.	RIVERVIEW LANDSCAPE & LIGHT.	40	\$146,280
	SALIDA HIGHWAY - A	SHELL LAB ANNEXATION	38*	\$138,966
	SALIDA HIGHWAY - B		173*	\$632,661
	SALIDA HIGHWAY - C		8*	\$29,256
	SALIDA HIGHWAY - D		255*	\$932,535
	SALIDA HIGHWAY - E		113*	\$413,241
	SALIDA HIGHWAY - F	SALIDA HIGHWAY LIGHT.	23*	\$84,111
	SALIDA HIGHWAY - G		60*	\$219,420
	SALIDA HIGHWAY - H	VELLA 6 ANNEX	23*	\$84,111
	SCHWANTZ-BAIZE	SCHWANTZ-BAIZE	1	\$3,657
	SHACKELFORD LANDSCAPE LIGHTING DIS	SHACKELFORD LANDSCAPE LIGHTING DI	62	\$226,734
	SUNSET OAKS - A		48*	\$175,536
	SUNSET OAKS - B	RIVER GLEN ANNEXATION	6*	\$21,942
	SUNSET OAKS - C		14*	\$51,198
	SUNSET OAKS - D		10*	\$36,570
	SUNSET OAKS - E	COUNTRY OAK MANOR ANNEX.	7*	\$25,599
	SYLVAN VILLAGE NO.2		10	\$36,570
	TEMPO PARK		57	\$208,449
	DENAIR		92	\$336,444
	EMPIRE		119	\$435,183
Grand Total			Count = 1710	\$6,253,470
% of County Total			100.00%	100.00%

Wednesday, August 11, 2004

* Indicates that the count is an estimate

Stanislaus County
Local Hazard Mitigation Plan
Stanislaus County Traffic Signals
All Traffic Signals



Jurisdiction	Location	Cost
STANISLAUS COUNTY		
	9TH AND CARVER	\$175,000
	9TH AND LATIMER	\$175,000
	9TH AND PECOS	\$175,000
	BOYCE AND SYLVAN	\$175,000
	BROADWAY AND SALIDA	\$175,000
	CARPENTER AND PARADISE	\$175,000
	CLARIBEL AND ALBERS	\$175,000
	CLARIBEL AND CLAUS	\$175,000
	CLARIBEL AND OAKDALE	\$175,000
	CROWS LANDING AND HACKETT	\$175,000
	CROWS LANDING AND HATCH	\$175,000
	CROWS LANDING AND SCHOOL	\$175,000
	CROWS LANDING AND SERVICE	\$175,000
	CROWS LANDING AND WHITMORE	\$175,000
	GOLDEN STATE AND KEYES	\$175,000
	HATCH AND MORGAN	\$175,000
	MC HENRY AND STEWART	\$175,000
	MITCHELL AND RIVERSIDE	\$175,000
	MITCHELL AND TENEYA	\$175,000
	ROGERS AND SPERRY	\$175,000
Grand Total		Count = 20 \$3,500,000
% of County Traffic Signals		100.00% 100.00%