

WEST STOCKTON BOULEVARD BRIDGE REPLACEMENT PROJECT

INITIAL STUDY / MITIGATED NEGATIVE DECLARATION



PREPARED BY

CITY OF ELK GROVE
DEVELOPMENT SERVICES-PLANNING
8400 LAGUNA PALMS WAY
ELK GROVE, CA 95758

FEBRUARY 2006

**WEST STOCKTON BOULEVARD BRIDGE REPLACEMENT
PROJECT**

INITIAL STUDY / MITIGATED NEGATIVE DECLARATION

Prepared by:

**CITY OF ELK GROVE
DEVELOPMENT SERVICES-PLANNING
8400 LAGUNA PALMS WAY
ELK GROVE, CA 95758**

FEBRUARY 2006

TABLE OF CONTENTS

1.0 INTRODUCTION

1.1 Introduction and Regulatory Guidance 1-1
1.2 Lead Agency 1-1
1.3 Purpose and Document Organization 1-2

2.0 PROJECT DESCRIPTION

2.1 Project Background 2-1
2.2 Project Location 2-1
2.3 Project Purpose and Objectives 2-1
2.4 Project Description 2-1
2.5 Project Construction 2-2
2.6 Required Project Approvals/Actions 2-2
2.7 Other Project Assumptions 2-2
2.8 Technical Studies 2-7

3.0 INITIAL STUDY CHECKLIST

3.1 Aesthetics 3-2
3.2 Agriculture Resources 3-4
3.3 Air Quality 3-6
3.4 Biological Resources 3-14
3.5 Cultural Resources 3-33
3.6 Geology And Soils 3-36
3.7 Hazards and Hazardous Materials 3-39
3.8 Hydrology And Water Quality 3-44
3.9 Land Use And Planning 3-49
3.10 Mineral Resources 3-50
3.11 Noise 3-51
3.12 Population And Housing 3-55
3.13 Public Services 3-58
3.14 Recreation 3-60
3.15 Transportation/Traffic 3-61
3.16 Utilities And Service Systems 3-63
3.17 Mandatory Findings of Significance 3-66

4.0 LIST OF MITIGATION MEASURES

4.1 Summary of Mitigation Measures 4-1

5.0 LIST OF PREPARERS

5.1 List of Preparers 5-1

6.0 REFERENCES

6.1 References 6-1

TABLE OF CONTENTS

APPENDICES

- Appendix A:** SMAQMD Road Construction Emission Model, Version 5.1 Data Inputs
- Appendix B:** U.S. Fish and Wildlife *Service Standard Avoidance and Minimization Measures During Construction Activities in Giant Garter Snake (*Thamnophis gigas*) Habitat, and Programmatic Biological Opinion on the Effects of Small Highway Projects on the Threatened Giant Garter Snake in Butte, Colusa, Glenn, Sacramento, San Joaquin, Solano, Sutter, Yolo, and Yuba Counties, California.*

TABLES

3.3-1	Federal and State Air Quality Standards	3-8
3.3-2	SMAQMD Significance Criteria Operational Emission Thresholds.....	3-11
3.3-3	SMAQMD Significance Criteria Construction-related Emission Thresholds.....	3-11
3.3-4	Construction Emission Estimates for the West Stockton Boulevard Bridge Replacement Project (Road Construction Emissions Model, Version 5.1)	3-12
3.4-1	Regional Special-Status Species and Habitats of Concern.....	3-17
3.11-1	Elk Grove General Plan Maximum Allowable Noise Exposure, Transportation Noise Sources	3-54

FIGURES

2.0-1	Project Area Map	2-3
2.0-2	Project Location Map	2-5