

Table of Contents

Page

SUMMARY

Introduction	S-1
Purpose of the Environmental Impact Report	S-1
Project Description	S-2
Alternatives to the Proposed Project	S-3
Level of Environmental Review, Impact Terminology, and Public Review Process	S-4

1. INTRODUCTION

Introduction	1-1
Purpose of the Environmental Impact Report	1-1
Program-Level Analysis and Tiering	1-2
Required Approvals for the Program EIR	1-3
Standards of Adequacy	1-3
Effect on the Environment	1-3
Organization of the EIR	1-4
Scope of the EIR	1-5

2. PROJECT DESCRIPTION

Introduction	2-1
Project Location	2-1
Project Background and Tax Ordinance and Transportation Improvement Expenditure Plan Development	2-1
Project Description	2-5
Required Approvals for the Programmatic EIR	2-10

3. ENVIRONMENTAL ANALYSIS

3.1 Organization of the Environmental Analysis	3.1-1
3.2 Land Use and Planning	3.2-1
3.3 Visual Quality	3.3-1
3.4 Population and Housing	3.4-1
3.5 Transportation	3.5-1
3.6 Air Quality	3.6-1
3.7 Noise	3.7-1
3.8 Agricultural Resources	3.8-1

3.9 Biological Resources.....3.9-1
 3.10 Geology and Seismicity 3.10-1
 3.11 Hydrology and Water Quality..... 3.11-1
 3.12 Cultural Resources 3.12-1

4. OTHER REQUIRED CEQA ANALYSIS

Introduction..... 4-1
 Required Analyses..... 4-1

5. ALTERNATIVES

Introduction..... 5-1

6. LIST OF PREPARERS

Napa County Transportation Planning Agency..... 6-1
 EIR Consultants..... 6-1

FIGURES

2-1 Project Location..... 2-2
 2-2 General Locations of Jamieson Canyon Corridor Program Projects 2-7
 3.3-1 Locally Designated Roads 3.3-2
 3.3-2 Existing Southbound View of Soscol Flyover Intersection from SR 29 3.3-11
 3.5-1 Arterial and Collector Roads.....3.5-2
 3.8-1 Important Farmlands in Napa County 3.8-2
 3.9-1 Vegetation Types in Napa County 3.9-2
 3.9-2 CNDDDB Occurrences 3.9-4
 3.10-1 Regional Geological Map..... 3.10-2
 3.10-2 Soil Classifications for Napa County 3.10-7
 3.10-3 Geologic Map of Napa County 3.10-9
 3.10-4 Geologically Hazardous Areas.....3.10-11
 3.11-1 Prominent Surface Water Resources of Napa County 3.11-2

TABLES

S-1 Summary of Impacts and Mitigation Measures S-8
 2-1 Local Star Project List2-11
 3.4-1 Current and Future Population Projections in Napa County.....3.4-1
 3.5-1 Key Roadways in Napa County3.5-3
 3.5-2 Napa County Resident Workers by Modes of Transportation, 1990 – 20003.5-5

3.5-3 Estimated Number of Napa County Residents Working in Bay Area Counties, 1990 – 2000.....3.5-6

3.5-4 Estimated Origin of Workers Employed in Napa County, 1990 – 20003.5-6

3.5-5 Estimated Growth of Napa County Population and Jobs, 2000 to 2030 3.5-11

3.5-6 Daily Vehicle Hours of Travel Comparison – Roadway Segments in Napa County 3.5-15

3.5-7 VMT LOS Comparisons – Roadway Segments in Napa County 3.5-16

3.5-8 VHT LOS Comparisons – Roadway Segments in Napa County 3.5-16

3.6-1 Federal and State Air Quality Standards3.6-2

3.6-2 Health Effects Summary of the Major Criteria Air Pollutants3.6-3

3.6-3 Bay Area and Napa County Criteria Pollutant Emissions Inventory and Projections, 2004, 2010, and 2020 (Tons/Day - Annual Average) 3.6-4

3.7-1 Representative Environmental Noise Levels3.7-2

3.7-2 Human Response to Different Levels of Groundborne Vibration3.7-4

3.7-3 FHWA Noise Abatement Criteria (NAC) Hourly A-Weighted Sound Level - decibels (dBA).....3.7-5

3.7-4 Exterior Noise Limits3.7-7

3.7-5 Noise Limits for Construction Activities3.7-8

3.9-1 Approximate Acreages of Vegetation Types and Open Water in Napa County3.9-3

3.10-1 Estimated Maximum Parameters For Major Known Faults Affecting Napa County 3.10-3

3.10-2 Significant Historic Earthquake Activity San Francisco Bay Area 3.10-4

3.10-3 Soil Association Characteristics of Napa County..... 3.10-6

3.12-1 Previously Recorded Archaeological Resource Sites in Napa County3.12-10

3.12-2 Historic-Period Architectural Features Known to Occur in Napa County3.12-11

APPENDICES

- A Notice of Preparation and Initial Study
- B Special Status Species Tables
- C USFWS Species List Letter
- D Glossary of Terms used in Geology and Seismicity Analysis