Table of Contents

Table of Contents

1.0 INTRODUCTION 1-1
- 1.1 Background and Purpose 1-1
- 1.2 Scope of the Subsequent EIR 1-1
- 1.3 CEQA Process 1-2
  - 1.3.1 Environmental Review Process 1-3
  - 1.3.2 CEQA Compliance for Future Project-Related Approvals 1-4
- 1.4 City of Roseville Mitigating Ordinances, Guidelines, and Standards 1-4
- 1.5 Levels of Significance 1-5
- 1.6 Organization of this Draft Subsequent EIR 1-6

2.0 EXECUTIVE SUMMARY 2-1
- 2.1. Overview of the Proposed Project 2-1
- 2.2. Effects Found to be Less than Significant 2-1
- 2.3. Effects Found to be Potentially Significant 2-2
- 2.4. Alternatives to the Proposed Project 2-2
- 2.5. Unavoidable Adverse Effects 2-3
- 2.6. Potential Areas of Controversy 2-3
- 2.7. Summary Table 2-4

3.0 PROJECT DESCRIPTION 3-1
- 3.1 Introduction 3-1
- 3.2 Project Location and Jurisdiction 3-2
- 3.3 Project Background and History 3-2
- 3.4 Project Objectives 3-4
- 3.5 Project Description 3-5
  - 3.5.1 Revisions to Intersections Incorporated into the CIP 3-5
  - 3.5.2 Roadway and Intersection Modifications 3-6
  - 3.5.3 Level of Service 3-10
- 3.6 Public Participation in the Project Approval Process 3-11
- 3.7 Project Schedule 3-12
- 3.8 Required Permits and Approvals 3-12

4.0 ENVIRONMENTAL ANALYSIS 4-1
- 4.1 Transportation and Circulation 4.1-1
  - 4.1.1 Introduction 4.1-1
  - 4.1.2 Environmental Setting 4.1-1
  - 4.1.3 Regulatory Setting 4.1-12
  - 4.1.4 Impacts 4.1-14
  - 4.1.5 Mitigation Measures 4.1-51
- 4.2 Air Quality 4.2-1
  - 4.2.1 Introduction 4.2-1
  - 4.2.2 Environmental Setting 4.2-1
  - 4.2.3 Regulatory Setting 4.2-9
  - 4.2.4 Impacts 4.2-11
  - 4.2.5 Mitigation Measures 4.2-19

4.3 Noise 4.3-1
4.3.1 Introduction 4.3-1
4.3.2 Environmental Setting 4.3-1
4.3.3 Regulatory Setting 4.3-4
4.3.4 Impacts 4.3-6
4.3.5 Mitigation Measures 4.3-10
4.4 Biological Resources 4.4-1
4.4.1 Introduction 4.4-1
4.4.2 Environmental Setting 4.4-3
4.4.3 Regulatory Setting 4.4-11
4.4.4 Impacts 4.4-15
4.4.5 Mitigation Measures 4.4-21
4.5 Cultural Resources 4.5-1
4.5.1 Introduction 4.5-1
4.5.2 Environmental Setting 4.5-1
4.5.3 Existing Conditions 4.5-6
4.5.4 Regulatory Setting 4.5-7
4.5.5 Local Regulations 4.5-10
4.5.6 Impacts 4.5-11
4.5.7 Mitigation Measures 4.5-12

5.0 OTHER CEQA CONSIDERATIONS 5-1
5.1 Significant Irreversible Environmental Changes 5-1
5.2 Cumulative Impacts 5-1
5.2.1 Introduction 5-1
5.2.2 Development Considered In Cumulative Impact Analysis 5-2
5.2.3 Cumulative Impact Assessment 5-2
5.3 Growth-Inducing Impacts 5-32
5.4 Significant and Unavoidable Adverse Impacts 5-33

6.0 PROJECT ALTERNATIVES 6-1
6.1. Introduction 6-1
6.2. Alternatives Considered and Eliminated From Further Analysis 6-2
6.3. Alternatives Analyzed 6-2
6.3.1 Alternative 1: No Project/No Action Alternative 6-3
6.3.2 Alternative 2: Cumulative Plus Project with Placer Parkway and Caltrans Improvements Alternative 6-5

7.0 REFERENCES 7-1
7.1 Executive Summary 7-1
7.2 Air Quality 7-1
7.3 Noise 7-2
7.4 Biological Resources 7-2
7.5 Cultural Resources 7-4

8.0 LIST OF PREPARERS 8-1
8.1 Lead Agency 8-1
8.2 URS Corporation 8-1
8.3 Subconsultants 8-1

Appendices

Appendix A: Notice of Preparation
Appendix B: Notice of Preparation Comment Letters
Appendix C: Initial Study/Environmental Checklist
Appendix D: Super-cumulative Traffic Analysis
Appendix E: Level of Service Summary and Intersection Geometries
Appendix F: Air Quality Model Outputs
Appendix G: Noise Model Outputs
Appendix H: Native American Consultation
Appendix I: Mitigation Monitoring and Reporting Program

List of Tables

Table 2-1 Subsequent EIR: Summary of Impacts and Mitigation Measures 2-5
Table 2-2 Complete List of Mitigation Measures for the City of Roseville's CIP 2-14
Table 3-1 Land Use Forecasts: Current 2020 CIP and Proposed 2020 CIP Update 3-3
Table 3-2 Daily Vehicle Trips Generated in the City of Roseville Using Major Roadway Network: 2020 No Project and Proposed 2020 CIP Update 3-4
Table 3-3 Proposed 2020 CIP Update: Added Intersections 3-6
Table 3-4 Proposed 2020 CIP Update: Intersection Modifications 3-7
Table 3-5 Proposed 2020 CIP Update: Roadway Improvements 3-10
Table 3-6 Level of Service Definitions at Signalized Intersections for City of Roseville 3-11
Table 4.1-1 Description of Traffic Analysis Scenarios 4.1-2
Table 4.1-2 Arterial and Collector System in the City of Roseville 4.1-4
Table 4.1-3 Level of Service Definitions at Signalized Intersections for City of Roseville 4.1-9
Table 4.1-4 City of Roseville Intersections Operating at LOS D or Worse: 2002 Supplemental EIR and Current 2020 CIP 4.1-17
Table 4.1-5 Intersections Added or Removed From 2020 CIP Since 2002 Supplemental EIR 4.1-19
Table 4.1-6 Changes in 2020 Land Use Forecasts Outside Roseville Updated Travel Demand Model: Current 2020 Cip and 2020 No Project 4.1-21
Table 4.1-7 City of Roseville Intersections Operating at LOS D or Worse: Current 2020 CIP and 2020 No Project 4.1-22
Table 4.1-8 City of Roseville Residential Development Forecasts by Plan Area: Current 2020 CIP and Proposed 2020 CIP Update 4.1-26
Table 4.1-9 City of Roseville Non-Residential Development Forecasts by Plan Area: Current 2020 CIP and Proposed 2020 CIP Update 4.1-27
Table 4.1-10 Daily Vehicle Trips Generated in the City of Roseville Using Major Roadway Network: 2020 No Project and Proposed 2020 CIP Update 4.1-28
Table 4.1-11 Roadway Segment Level of Service Thresholds for Placer, Sacramento, and Sutter Counties and City of Rocklin 4.1-30
Table 4.1-12 PM Peak Hour Level of Service at Signalized Intersections: 2020 No Project and 2020 Plus Project 4.1-34
Table 4.1-13 City of Roseville Intersections with Improved LOS: From 2020 No Project to 2020 Plus Project 4.1-41

Table 4.1-14 City of Roseville Intersections with Degraded LOS: From 2020 No Project to 2020 Plus Project 4.1-42
Table 4.1-15 City of Roseville Intersections with Degraded LOS and Identified "Overriding Findings": 2020 Plus Project 4.1-42
Table 4.1-16 Daily Volumes on State Highways: 2020 No Project and 2020 Plus Project 4.1-43
Table 4.1-17 Level of Service at Signalized Highway Ramp Intersections: 2020 No Project and 2020 Plus Project 4.1-44
Table 4.1-18 Daily Volumes on Placer County Roadways: 2020 No Project and 2020 Plus Project 4.1-46
Table 4.1-19 Daily Volumes on Rocklin Roadways: 2020 No Project and 2020 Plus Project 4.1-47
Table 4.1-20 Daily Volumes on Sacramento Roadways: 2020 No Project and 2020 Plus Project 4.1-49
Table 4.1-21 Daily Volumes on Sutter County Roadways: 2020 No Project and 2020 Plus Project 4.1-50
Table 4.2-1 Federal and State Ambient Air Quality Standards 4.2-3
Table 4.2-2 Summary of Ambient Air Data at Monitoring Stations Near Roseville, 2003-2005 ..... 4.2-5
Table 4.2-3 Placer County Attainment Status 4.2-8
Table 4.2-4 Summary of 2005 Estimated Annual Average Emissions in Placer County (Tons/Day) 4.2-9
Table 4.2-5 Placer County APCD Significance Thresholds 4.2-12
Table 4.2-6 Construction Equipment List 4.2-14
Table 4.2-7 Placer County APCD Significance Thresholds and Construction Emissions 4.2-14
Table 4.2-8 Predicted Carbon Monoxide Concentrations at affected Intersections in Year 2020 ..... 4.2-17
Table 4.3-1 Sound Levels of Typical Noise Sources and Noise Environments (A-Weighted Sound Levels) 4.3-3
Table 4.3-2 City of Roseville Maximum Allowable Noise Exposure for Transportation Noise Sources 4.3-5
Table 4.3-3 City of Roseville Performance Standards for NonTransportation Noise Sources or Projects Affected by NonTransportation Noise Sources (As Measured at the Property Line of the Noise-Sensitive Uses) 4.3-6
Table 4.3-4 Summary of Noise Levels at Intersections Proposed for Widening 4.3-10
Table 4.4-1 Proposed 2020 CIP Update Intersection Widening Modifications 4.4-1
Table 4.4-2 Proposed 2020 CIP Update Roadway Widening Improvements 4.4-3
Table 5.2-1 City of Roseville Intersections with LOS D or Worse: 2020 No Project and 2025 Cumulative No Project 5-3
Table 5.2-2 City of Roseville Intersections Modifications identified By City (Mitigation Measure 5.2-1): 2025 Cumulative NO Project Conditions 5-7
Table 5.2-3 City of Roseville Intersections with LOS D or Worse: 2025 Cumulative No Project and 2025 Cumulative Plus Project 5-9
Table 5.2-4 City of Roseville Intersections with Improved LOS: From 2025 Cumulative No Project to 2025 Cumulative Plus Project 5-12
Table 5.2-5 City of Roseville Intersections with Degraded LOS: From 2025 Cumulative No Project to 2025 Cumulative PLUS Project 5-12
Table 5.2-6 City of Roseville Intersections with Degraded LOS and Identified Overriding Findings 2025 Cumulative Plus Project 5-13

Table 5.2-7 City of Roseville Intersection Modifications (Mitigation Measure 5.2-2): 2025 Cumulative Plus Project 5-14
Table 5.2-8 Daily Volumes on State Highways: 2025 Cumulative No Project and 2025 Cumulative Plus Project 5-15
Table 5.2-9 Level of Service at Signalized Highway Ramp Intersections: 2025 Cumulative No Project and 2025 Cumulative Plus Project 5-17
Table 5.2-10 Daily Volumes on Placer County Roadways: 2025 Cumulative No Project and 2025 Cumulative Plus Project 5-18
Table 5.2-11 Daily Volumes on Rocklin Roadways: 2025 Cumulative No Project and 2025 Cumulative Plus Project 5-19
Table 5.2-12 Daily Volumes on Sacramento Roadways: 2025 Cumulative No Project and 2025 cumulative Plus Project 5-20
Table 5.2-13 Daily Volumes on Sutter County Roadways: 2025 Cumulative No Project and 2025 Cumulative Plus Project 5-21
Table 5.2-14 Summary of Noise Levels at Intersections: 2025 Cumulative Plus Project 5-25
Table 6-1 City of Roseville Number of Intersections Operating at LOS C or Better Alternative 1: No Project Conditions 6-4
Table 6-2 City of Roseville Number of Intersections Operating at LOS C or Better Alternative 2: Cumulative Plus Project with Placer Parkway and Caltrans Improvements 6-6
Table 6-3 City of Roseville Intersections with Improved LOS: From 2025 Cumulative Plus Project to Alternative 2 6-8
Table 6-4 Daily Volumes on State Highways: Alternative 2 6-9
Table 6-5 Summary of Noise Levels at Intersections: Alternative 2 6-10

List of Figures

Figure 3-1 Project Location
Figure 3-2 Existing Arterial/Collector Roadway System
Figure 3-3 Proposed CIP Modifications
Figure 4.1-1 City of Roseville Arterial/Collector Roadway System
Figure 4.1-2 City of Roseville Existing Daily Traffic Volumes
Figure 4.1-3 City of Roseville Existing LOS at Signalized Intersections
Figure 4.1-4 City of Roseville Existing Transit Routes
Figure 4.1-5 City of Roseville Existing Bicycle Facilities
Figure 4.1-6 City of Roseville Existing Truck Routes
Figure 4.2-1 Air Monitoring Stations