

Table of Contents

Draft Environmental Impact Report Papich Construction Asphalt Batch Plant Project

Executive Summary

Project Description.....	page ES-2
Project Location.....	page ES-2
Project Elements	page ES-4
Project Objectives	page ES-5
Tulare County Objectives	page ES-6
Project Benefits Statement.....	page ES-9
Summary of Chapters	page ES-9
Summary of Potential Impacts & Mitigation Measures	page ES-15

Chapter 1 - Introduction

Project Summary.....	page 1-1
Local Regulatory Context	page 1-1
Scope and Methodology	page 1-1
Identification of Potentially Significant Impacts	page 1-3
Consideration of Significant Impacts.....	page 1-3
Mitigation Measures	page 1-4
Organization of the EIR	page 1-5
Environmental Review Process	page 1-6
Organization Consulted	page 1-8
References.....	page 1-8

Chapter 2 - Project Description, Objectives, and Environmental Setting

Introduction	page 2-1
Project Location	page 2-1
Vicinity of Project Site.....	page 2-2
Zoning and Land Use.....	page 2-2
Project Description.....	page 2-2
Project Objective.....	page 2-6
Project Benefits	page 2-8
References.....	page 2-20

Chapter 3 - Impact Analysis

Aesthetics (3.1)	page 3.1-1
Agricultural Land and Forestry Resources (3.2)	page 3.2-1
Air Quality (3.3).....	page 3.3-1
Biological Resources (3.4).....	page 3.4-1
Cultural Resources (3.5)	page 3.5-1
Geology and Soils (3.6)	page 3.6-1
Greenhouse Gas Emissions (3.7)	page 3.7-1
Hazards and Hazardous Materials (3.8).....	page 3.8-1
Hydrology and Water Quality (3.9)	page 3.9-1
Land Use and Planning (3.10)	page 3.10-1
Mineral Resources (3.11).....	page 3.11-1
Noise (3.12).....	page 3.12-1
Population/Housing (3.13).....	page 3.13-1
Public Services (3.14)	page 3.14-1
Recreation (3.15).....	page 3.15-1
Transportation/Traffic (3.16)	page 3.16-1
Utilities/Service Systems (3.17).....	page 3.17-1
Mandatory Findings of Significance (3.18)	page 3.18-1

Chapter 4 - Summary of Cumulative Impacts

Cumulative Impact Analysis under CEQA.....	page 4-1
Past, Present, Probable Future Projects.....	page 4-3
Summary of Cumulative Impacts	page 4-8
References.....	page 4-16

Chapter 5 - Alternatives

Introduction.....	page 5-1
Factors Considered in Analysis of Alternatives.....	page 5-4
Alternatives Analysis	page 5-5
Alternatives Not Considered.....	page 5-6
Alternatives Matrix	page 5-7
Alternatives Analyzed.....	page 5-7

Chapter 6 - Economic, Social, & Growth Inducing Effects

Introduction.....	page 6-1
Demographics	page 6-1
Economic Impacts.....	page 6-2
Social Effects	page 6-3
Growth Inducement	page 6-4

Chapter 7 - Unmitigable Impacts

No Environmental Effects That Cannot be Avoided	page 7-1
No Irreversible Impacts.....	page 7-1
No Statement of Overriding Considerations.....	page 7-2
Project Benefit Statements.....	page 7-2
References.....	page 7-22

Chapter 8 - Mitigation Monitoring and Reporting Program

Mitigation Monitoring Program.....	page 8-1
------------------------------------	----------

Chapter 9 - EIR Preparation

Figures

Figure 2-1	Vicinity map
Figure 2-2	Proposed Site Plan
Figure 2-3	Project Zone of Influence
Figure 2-4	Complete Streets Improvements
Figure 2-5	Conceptual Diagram of Road 64 Improvements
Figure 2-6	Conceptual Diagram of Road 64 Improvements
Figure 2-7	Cost Per Ton of Aggregate
Figure 2-8	Conceptual Design of Aesthetic Improvements
Figure 3.1-1	View of site looking west from State Route 198
Figure 3.1-2	View of site looking north across State Route 198
Figure 3.1-3	View of site looking east from State Route 198
Figure 3.1-4	Scenic Highways and County Scenic Routes
Figure 3.1-5	Landscaping Plan
Figure 3.1-6	View of site looking west from State Route 198 with implemented landscaping plan
Figure 3.1-7	View of site looking north across State Route 198 with implemented landscaping plan
Figure 3.1-8	View of site looking northeast from State Route 198 with implemented landscaping plan
Figure 3.2-1	Important Farmlands
Figure 3.4-1	Off-site Swainson's Hawk
Figure 3.9-1	Watershed Map
Figure 3.9-2	Tulare Lake Hydrologic Region Water Balance
Figure 3.12-1	Noise Monitoring Locations & Nearby Land Uses
Figure 3.12-2	Existing Onsite Average – Hourly Noise Levels
Figure 3.12-3	Existing Onsite Average – Daily Noise Levels
Figure 3.12-4	Visalia Municipal Airport – 2019 Aircraft Noise Contours
Figure 3.12-5	Proposed Project Onsite Average – Hourly Noise Levels
Figure 3.12-6	Proposed Project Onsite Average – Daily Noise Levels

Tables

Table ES-1	Mitigation Monitoring Reporting Program Summary
Table 2-1	Goshen Bike Route Cost Estimates
Table 2-2	Project Percentage Calculation
Table 2-3	Order of Magnitude of Probable Cost Calculation
Table 3.1-1	Landscaping Plan Tree Legend
Table 3.2-1	Tulare County Agricultural Production Values (2008 and 2013)
Table 3.2-2	Tulare County Harvested Acreage (2008 and 2013)
Table 3.2-3	Tulare County Agricultural Commodity Values and Rankings
Table 3.2-4	Tulare County FMMP- Designated Land (1998-2010)
Table 3.2-5	2014 Tulare County Lands under Williamson Act or Farmland Security Zone Contracts
Table 3.2-6	Project Site Crop Yield and Value
Table 3.2-7	Potential Agricultural Easement Crop Yield and Value
Table 3.3-1	San Joaquin Valley Air Basin Attainment Status
Table 3.3-2	State & National Criteria Air Pollutant Standards, Effects, and Sources
Table 3.3-3	Emissions from Short-Term Project Impacts (Construction Phase)
Table 3.3-4	Existing and Proposed Permitted Operational Emissions
Table 3.3-5	Existing and Proposed Non-Permitted Operational Emissions
Table 3.3-6	Maximum Cancer Risk at Sensitive Receptors
Table 3.4-1	Special Status Species That Could Occur in the Proposed Project Vicinity
Table 3.7-1	Emissions by Sector in 2007
Table 3.7-2	Long-Term GHG Emission Inventory
Table 3.8-1	Transport of Hazardous Waste
Table 3.9-1	Tulare Lake Hydrologic water balance for 1998-2005 (thousand acre-feet)
Table 3.9-2	Irrigation Districts in Tulare County
Table 3.9-3	Proposed Water Use
Table 3.10-1	General Plan Consistency Analysis
Table 3.12-1	Summary of Short-Term Ambient Noise Measurement Data
Table 3.12-2	Existing Roadway Traffic Noise Levels
Table 3.12-3	Land Use Compatibility for Community Noise Environments
Table 3.12-4	Vibration Levels for Varying Construction Equipment
Table 3.12-5	Predicted Traffic Noise Levels Existing Plus Approved Development – With & Without the Proposed Project
Table 3.12-6	Predicted Traffic Noise Levels Future Cumulative (Year 2040) Conditions – With & Without the Proposed Project
Table 3.12-7	Predicted Non-transportation Operational Noise Levels at the Nearest Noise-Sensitive Land Use
Table 3.12-8	Typical Off-Road Equipment Noise Levels
Table 3.13-1	Tulare County Population

Table 3.14-1	Recreational Areas in Tulare County
Table 3.14-2	Tulare County Libraries
Table 3.14-3	Fire Staffing and Responses Time Standards
Table 3.15-1	National Park and Forest Facilities
Table 3.15-2	Recreational Areas in Tulare County
Table 3.16-1	Uninterrupted Traffic Flow Facilities LOS
Table 3.16-2	Interrupted Traffic Flow Facilities LOS
Table 3.16-3	Existing Intersection Counts
Table 3.16-4	Existing Average Production Trip Generation
Table 3.16-5	Proposed Project Peak Production Trip Generation
Table 3.16-6	Proposed Annual Project Trip Generation
Table 3.16-7	Level of Service Summary
Table 4-1	Regional Population Projections and Planning Efforts
Table 4-2	Checklist Items with Less than Significant Impacts with Mitigation
Table 4-3	Checklist Items with Less than Significant Impacts
Table 4-4	Checklist Items with No Impact
Table 5-1	Alternative Sites Considered
Table 5-2	Alternatives Potential Impact Analysis
Table 5-3	Alternatives Evaluation
Table 6-1	Summary of Economic, Social and Growth Inducing Impacts
Table 6-2	Profile of General Population and Housing Characteristics, 2010
Table 6-3	Growth Impacts
Table 8-1	Mitigation Monitoring Reporting Program

Appendices

Appendix A: Notice of Preparation and Agency Comment Letters

Notice of Preparation

Agency Comment Letters

- Department of Transportation, District 6, July 29, 2014
- Native American Heritage Commission, July 25, 2014
- San Joaquin Valley Air Pollution Control District, August 13, 2014

Appendix B: NRCS Soils Report

USDA, Natural Resources Conservation Service. Custom Soil Resource Report for Tulare County, Western Part, California, Asphalt Plant. June 7, 2014.

Appendix C: Air Quality Impact Analysis/GHG Study

Alta Environmental, Air Quality Impact Analysis and Greenhouse Gas Study For A Hot Mix Asphalt Plant. February 9, 2015.

Appendix D: Reconnaissance-Level Biological Evaluation

Kamansky Ecological Consulting, Reconnaissance-Level Biological Evaluation of Potential Impacts Sensitive and Listed Species on the Papich Asphalt Batch Expansion, Tulare County, California. September 8, 2014.

Appendix E: Cultural Resources Records Search

California Historical Resources Information System. Record Search 14-265 for the Papich Construction Asphalt Batch Plant. August 11, 2014.

Appendix F: Technical Memorandum Water Supply and Water Quality

Crawford & Bowen Planning, Inc., Technical Memorandum Water Supply and Water Quality, Papich Construction Asphalt Batch Plant. August 2014.

Appendix G: Noise Impact Assessment

Ambient Air Quality & Noise Consulting, Noise Impact Assessment for Papich Construction Asphalt Batch Plant Project. November 2014.

Appendix H: Traffic Impact Study

4Creeks, Inc., Traffic Impact Study. January 26, 2015.

Appendix I: Forecasted Financial Statement

M. Green and Company LLP, Papich Construction Company, Inc. Goshen Asphalt Plant Project Forecasted Financial Statement. October 14, 2014.