



# Draft Environmental Impact Report for the Update to the **Dry Creek/West Placer Community Plan**

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## Transportation Element

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*Prepared for*



*Prepared by*

**URS**

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|   | Page |
|---|------|
| 1.0 INTRODUCTION .....  | 1-1  |
| 1.1 TYPE AND PURPOSE OF THE DRAFT ENVIRONMENTAL IMPACT REPORT .....                               | 1-1  |
| 1.2 TERMINOLOGY .....   | 1-3  |
| 1.3 ORGANIZATION OF THIS DRAFT EIR .....  | 1-4  |
| 1.4 SCOPE OF THE DRAFT EIR .....  | 1-5  |
| 1.5 SIGNIFICANCE CRITERIA .....   | 1-6  |
| 1.6 CEQA PROCESS .....  | 1-6  |
| 2.0 EXECUTIVE SUMMARY .....   | 2-1  |
| 2.1 PROGRAM ENVIRONMENTAL IMPACT REPORT .....   | 2-1  |
| 2.2 SUMMARY DESCRIPTION OF THE PROPOSED PROJECT .....   | 2-1  |
| 2.2.1 Community Plan – Transportation Element Update – Purpose, Goal, and Policy Changes .....    | 2-1  |
| 2.2.2 Community Plan – Transportation Element Update – Proposed Roadway Circulation Changes ..... | 2-4  |
| 2.3 ENVIRONMENTAL IMPACTS AND PROPOSED/RECOMMENDED MITIGATION .....                               | 2-6  |
| 2.4 IMPACTS FOUND NOT TO BE SIGNIFICANT .....   | 2-7  |
| 2.5 ALTERNATIVES TO THE PROPOSED PROJECT .....  | 2-17 |
| 2.6 AREAS OF CONTROVERSY .....  | 2-23 |
| 3.0 PROJECT DESCRIPTION .....   | 3-1  |
| 3.1 PROJECT LOCATION .....  | 3-1  |
| 3.2 PROJECT BACKGROUND AND HISTORY .....  | 3-1  |
| 3.3 PROJECT STUDY AREA CHARACTERISTICS .....  | 3-3  |
| 3.3.1 Physical Environment .....  | 3-3  |
| 3.3.2 Bicycle, Pedestrian, and Transit Facilities .....   | 3-10 |
| 3.3.3 Existing General Plan Land Use Designations .....   | 3-11 |
| 3.4 PROJECT OBJECTIVES .....  | 3-11 |
| 3.5 DESCRIPTION OF THE PROPOSED PROJECT .....   | 3-11 |
| 3.5.1 Community Plan – Transportation Element Update – Purpose, Goal, and Policy Changes .....    | 3-12 |
| 3.5.2 Community Plan – Transportation Element Update – Proposed Roadway Changes .....             | 3-14 |
| 3.6 PROJECT CONSTRUCTION .....  | 3-17 |
| 3.7 ESTIMATED COSTS AND FUNDING .....   | 3-18 |
| 3.8 REQUIRED PERMITS AND APPROVALS .....  | 3-18 |
| 4.0 AIR QUALITY .....   | 4-1  |
| 4.1 ENVIRONMENTAL SETTING .....   | 4-1  |
| 4.1.1 Regional Climate and Topography .....   | 4-1  |
| 4.1.2 Air Quality Standards and Existing Concentrations .....                                     | 4-1  |
| 4.1.3 Existing Emission Sources .....   | 4-8  |
| 4.1.4 Sensitive Receptors .....   | 4-9  |
| 4.2 REGULATORY SETTING .....  | 4-9  |
| 4.2.1 Federal .....   | 4-10 |
| 4.2.2 State .....   | 4-10 |
| 4.2.3 Local .....   | 4-11 |
| 4.2.4 Greenhouse Gases .....  | 4-14 |

|       |  |       |
|-------|--|-------|
| 4.3   | IMPACTS.....   | 4-16  |
| 4.3.1 | Standards of Significance .....  | 4-17  |
| 4.3.2 | Methodology .....  | 4-18  |
| 4.3.3 | Impacts.....   | 4-19  |
| 4.4   | MITIGATION MEASURES.....   | 4-26  |
| 5.0   | NOISE .....  | 5-1   |
| 5.1   | ENVIRONMENTAL SETTING.....   | 5-1   |
| 5.1.1 | Characteristics of Environmental Noise .....   | 5-1   |
| 5.1.2 | Vibration .....  | 5-2   |
| 5.1.3 | Regional Setting.....  | 5-2   |
| 5.1.4 | Local Setting .....  | 5-4   |
| 5.1.5 | Sensitive Receptors.....   | 5-9   |
| 5.2   | REGULATORY SETTING .....   | 5-11  |
| 5.3   | IMPACTS.....   | 5-15  |
| 5.3.1 | Standards of Significance .....  | 5-15  |
| 5.3.2 | Methodology .....  | 5-16  |
| 5.3.3 | Impacts.....   | 5-17  |
| 5.4   | MITIGATION MEASURES.....   | 5-20  |
| 6.0   | TRANSPORTATION AND CIRCULATION.....  | 6-1   |
| 6.1   | ENVIRONMENTAL SETTING.....   | 6-1   |
| 6.1.1 | Transportation Analysis Scenarios.....   | 6-1   |
| 6.1.2 | Study Area Roadway System.....   | 6-2   |
| 6.1.3 | Existing Traffic Levels of Service .....   | 6-5   |
| 6.1.4 | Existing Transit Service .....   | 6-12  |
| 6.1.5 | Existing Bicycle/Pedestrian Facilities.....  | 6-12  |
| 6.2   | REGULATORY SETTING .....   | 6-13  |
| 6.2.1 | Federal and State.....   | 6-13  |
| 6.2.2 | Local .....  | 6-13  |
| 6.3   | IMPACTS.....   | 6-22  |
| 6.3.1 | Standards of Significance .....  | 6-22  |
| 6.3.2 | Methodology .....  | 6-23  |
| 6.3.3 | Impacts.....   | 6-30  |
| 6.4   | MITIGATION MEASURES.....   | 6-45  |
| 7.0   | OTHER CEQA SECTIONS.....   | 7-1   |
| 7.1   | ALTERNATIVES.....  | 7-1   |
| 7.1.1 | Alternatives Considered and Eliminated from Further Consideration.....                                 | 7-1   |
| 7.1.2 | Alternatives Selected for More Detailed Analysis.....  | 7-2   |
| 7.1.3 | Comparative Evaluation of the Project and Alternatives to Satisfy Proposed<br>Project Objectives ..... | 7-93  |
| 7.1.4 | Environmentally Superior Alternative.....  | 7-95  |
| 7.2   | CUMULATIVE IMPACTS .....   | 7-99  |
| 7.2.1 | Introduction.....  | 7-99  |
| 7.2.2 | Cumulative Impact Scenario.....  | 7-99  |
| 7.2.3 | Cumulative Impact Evaluation.....  | 7-106 |
| 7.3   | GROWTH-INDUCING IMPACTS OF THE PROPOSED PROJECT .....  | 7-114 |
| 7.3.1 | Growth Anticipated in the Dry Creek/West Placer Community Plan Area.....                               | 7-114 |
| 7.3.2 | Current Constraints to Growth.....   | 7-115 |
| 7.3.3 | Removal of Growth Constraints .....  | 7-116 |

|      |  |       |
|------|--|-------|
| 7.4  | UNAVOIDABLE SIGNIFICANT ENVIRONMENTAL IMPACTS .....  | 7-116 |
| 7.5  | SIGNIFICANT IRREVERSIBLE ENVIRONMENTAL CHANGES ..... | 7-117 |
| 8.0  | LIST OF PREPARERS .....                              | 8-1   |
| 8.1  | PLACER COUNTY DEPARTMENT OF PUBLIC WORKS.....        | 8-1   |
| 8.2  | URS CORPORATION .....                                | 8-1   |
| 8.3  | FEHR & PEERS TRANSPORTATION CONSULTANTS .....        | 8-1   |
| 8.4  | J.C. BRENNAN .....                                   | 8-1   |
| 9.0  | REFERENCES.....                                      | 9-1   |
| 9.1  | INTRODUCTION.....                                    | 9-1   |
| 9.2  | EXECUTIVE SUMMARY .....                              | 9-1   |
| 9.3  | PROJECT DESCRIPTION .....                            | 9-1   |
| 9.4  | AIR QUALITY .....                                    | 9-2   |
| 9.5  | NOISE .....  | 9-3   |
| 9.6  | TRANSPORTATION AND CIRCULATION.....                  | 9-4   |
| 9.7  | OTHER CEQA SECTIONS.....                             | 9-5   |
| 10.0 | DISTRIBUTION LIST.....                               | 10-1  |

## **APPENDICES**

|            |   |
|------------|---|
| Appendix A | Initial Study and Notice of Preparation   |
| Appendix B | Comments Received on the Initial Study and Notice of Preparation  |
| Appendix C | Potentially Occurring Special-Status Species and Sensitive Habitats Near PFE Road, Walerga Road, and Watt Avenue Widening Analysis Area |
| Appendix D | Cultural Resources Record Search Summary Near PFE Road, Walerga Road, Watt Avenue Widening Analysis Area                                |
| Appendix E | EMFAC2007 and CALINE4 Output Files  |
| Appendix F | FHWA Noise Model Inputs   |

## **LIST OF TABLES**

### **Executive Summary**

- Table 2-1 Consideration and Discussion of Environmental Impacts  
Table 2-2 Impact Summary Table – Proposed Project  
Table 2-3 Impact Summary Table – Proposed Project and Alternatives Before Mitigation

### **Project Description**

- Table 3-1 Anticipated Disturbance Area Associated with Speed Reduction Treatments  
Table 3-2 Anticipated Disturbance Area Associated with Widening Selected Community Plan Area Roadways

### **Air Quality**

- Table 4-1 Federal and California Ambient Air Quality Standards  
Table 4-2 Maximum Measured Pollutant Concentrations at North Highlands  
Table 4-3 Maximum Measured Pollutant Concentrations at Roseville  
Table 4-4 Summary of Estimated 2006 Pollutant Emissions in Placer County  
Table 4-5 Highest Modeled CO Concentrations at Worst-Case Intersections under Cumulative Conditions

### **Noise**

- Table 5-1 Sound Levels of Typical Noise Sources and Noise Environments  
Table 5-2 Short-Term Ambient Noise Level Measurements  
Table 5-3 Continuous Noise Level Measurements  
Table 5-4 Existing Traffic Noise Levels within the Community Plan Area  
Table 5-5 Placer County Maximum Allowable Noise Exposure for Transportation Noise Sources  
Table 5-6 Effects of Various Vibration Levels on People and Buildings  
Table 5-7 Noise Levels of Representative Construction Equipment Noise  
Table 5-8 Vibration Levels of Representative Construction Equipment  
Table 5-9 Predicted Cumulative No Project Alternative and Proposed Project Traffic Noise Levels

### **Transportation and Circulation**

- Table 6-1 Evaluation Criteria for Roadway Levels of Service  
Table 6-2 Existing Conditions Roadway Segment Operations  
Table 6-3 Evaluation Criteria for Intersection Levels of Service  
Table 6-4 Existing Conditions Intersection Operations  
Table 6-5 Regional Land Use Assumptions  
Table 6-6 Community Plan Area Land Use Assumptions  
Table 6-7 Regional Roadway Assumptions  
Table 6-8 Community Plan Area Roadway Assumptions  
Table 6-9 Cumulative Conditions Roadway Segment Operations with PFE Road Open  
Table 6-10 Cumulative Plus Project Conditions Roadway Classification  
Table 6-11 Cumulative Conditions Intersection Operations with PFE Road Open  
Table 6-12 Roseville CIP Analysis Results  
Table 6-13 Proposed Project Mitigation Comparison at Selected Intersections

## **Other CEQA Sections**

- Table 7-1      Approximations of Key Quantifiable Characteristics of the Proposed Project and Alternatives  
Table 7-2      Estimated Disturbance Area for No Project Alternative  
Table 7-3      Comparison of Proposed Project versus No Project Alternative Roadway Segment and Intersection Advantages and Disadvantages  
Table 7-4      Predicted Cumulative No Project Alternative and Alternative 1 Traffic Noise Levels  
Table 7-5      Comparison of Proposed Project versus Alternative 1 Roadway Segment and Intersection Advantages and Disadvantages  
Table 7-6      Anticipated Disturbance Area for Alternative 2  
Table 7-7      Predicted Cumulative No Project Alternative and Alternative 2 Traffic Noise Levels  
Table 7-8      Comparison of Proposed Project versus Alternative 2 Roadway Segment and Intersection Advantages and Disadvantages  
Table 7-9      Anticipated Disturbance Area for Alternative 3  
Table 7-10     Predicted Cumulative No Project Alternative and Alternative 3 Traffic Noise Levels  
Table 7-11     Comparison of Proposed Project versus Alternative 3 Roadway Segment and Intersection Advantages and Disadvantages  
Table 7-12     Anticipated Disturbance Area for Alternative 4  
Table 7-13     Predicted Cumulative No Project Alternative and Alternative 4 Traffic Noise Levels  
Table 7-14     Comparison of Proposed Project versus Alternative 4 Roadway Segment and Intersection Advantages and Disadvantages  
Table 7-15     Anticipated Disturbance Area for Alternative 5  
Table 7-16     Predicted Cumulative No Project Alternative and Alternative 5 Traffic Noise Levels  
Table 7-17     Comparison of Proposed Project versus Alternative 5 Roadway Segment and Intersection Advantages and Disadvantages  
Table 7-18     Summary of Alternatives Analysis  
Table 7-19     Regional Land Use Assumptions Included in Cumulative Impact Analysis  
Table 7-20     Community Plan Area Land Use Assumptions Included in Cumulative Impact Analysis  
Table 7-21     Regional Roadway Assumptions Included in Cumulative Impact Analysis  
Table 7-22     Community Plan Area Roadway Improvements Included in Cumulative Impact Analysis

## LIST OF FIGURES

### Project Description

- Figure 3-1 Project Area Location
- Figure 3-2 Regional and Community Plan Area Land Use Assumptions
- Figure 3-3 Proposed Project: PFE Road Improvements
- Figure 3-4 Proposed Project: Cook-Riolo Road Improvements (South)
- Figure 3-5 Proposed Project: Cook-Riolo Road Improvements (North)
- Figure 3-6 Proposed Project: Widen Community Plan Area Roadways

### Noise

- Figure 5-1 Noise Measurement Locations

### Transportation and Circulation

- Figure 6-1 Transportation Analysis Study Area
- Figure 6-2 Daily Traffic Volumes – Existing Roadways
- Figure 6-3 PM Peak-Hour Traffic Volumes – Existing Intersections
- Figure 6-4 Regional and Community Plan Area Roadway Assumptions
- Figure 6-5 Daily Traffic Volumes – Cumulative Roadway Conditions
- Figure 6-6 PM Peak-Hour Traffic Volumes – Cumulative Intersection Conditions

### Other CEQA Sections

- Figure 7-1 No Project Alternative: Closure of PFE Road
- Figure 7-2 Daily Traffic Volumes, Cumulative Conditions – Project Alternatives
- Figure 7-3 PM Peak-Hour Traffic Volumes, Cumulative Conditions – No Project Alternative
- Figure 7-4 PM Peak-Hour Traffic Volumes, Cumulative Conditions – Alternative 1
- Figure 7-5 Alternative 2: Widen/Extend Community Plan Area Roadways
- Figure 7-6 PM Peak-Hour Traffic Volumes, Cumulative Conditions – Alternative 2
- Figure 7-7 Alternative 3: Construct Speed-Reduction Treatments
- Figure 7-8 PM Peak-Hour Traffic Volumes, Cumulative Conditions – Alternative 3
- Figure 7-9 Alternative 4: Keep Intersection Restriction, Widen Community Plan Area Roadways, and Construct Speed-Reduction Treatments
- Figure 7-10 PM Peak-Hour Traffic Volumes, Cumulative Conditions – Alternative 4
- Figure 7-11 Alternative 5: Keep Intersection Restriction, Widen Community Plan Area Roadways, and Construct Speed-Reduction Treatments
- Figure 7-12 PM Peak-Hour Traffic Volumes, Cumulative Conditions – Alternative 5

**ACRONYMS**

|                   |  |
|-------------------|--|
| ADT               | average daily traffic  |
| AFB               | Air Force Base   |
| APCDs             | Air Pollution Control Districts                                    |
| AQAP              | Air Quality Attainment Plan  |
| AQMDs             | Air Quality Management Districts                                   |
| BMPs              | best management practices  |
| CAAQS             | California Ambient Air Quality Standards                           |
| Caltrans          | California Department of Transportation                            |
| CARB              | California Air Resources Board                                     |
| CDFG              | California Department of Fish and Game                             |
| CEQA              | California Environmental Quality Act                               |
| CFR               | Code of Federal Regulations  |
| CH <sub>4</sub>   | methane  |
| CIP               | Capital Improvement Program  |
| CNEL              | community noise equivalent level                                   |
| CO                | carbon monoxide  |
| CO <sub>2</sub>   | carbon dioxide   |
| CO <sub>2</sub> e | carbon dioxide equivalents   |
| dB                | decibels   |
| dBA               | A-weighted decibels  |
| DPM               | diesel particulate matter  |
| EIR               | Environmental Impact Report  |
| °F                | degrees Fahrenheit   |
| FHWA              | Federal Highway Administration                                     |
| GHG               | greenhouse gas   |
| HAPs              | hazardous air pollutants   |
| HFCs              | hydrofluorocarbons   |
| Hz                | hertz  |
| I-80              | Interstate 80  |
| in/sec            | inches per second  |
| L <sub>50</sub>   | the sound level exceeded 50 percent of the time during an interval |
| lb/day            | pounds per day   |
| L <sub>dn</sub>   | day-night average noise level                                      |
| L <sub>eq</sub>   | equivalent sound level   |
| L <sub>max</sub>  | maximum noise level measured during an interval                    |
| LOS               | Level of Service   |
| µg/m <sup>3</sup> | micrograms per cubic meter   |
| MTP               | Metropolitan Transportation Plan                                   |
| N <sub>2</sub> O  | nitrous oxide  |
| NAAQS             | National Ambient Air Quality Standards                             |
| NO <sub>2</sub>   | nitrogen dioxide   |
| NOP               | Notice of Preparation  |
| NO <sub>x</sub>   | nitrogen dioxide   |
| NPS               | National Park Service  |
| Pb                | lead   |
| PCAPCD            | Placer County Air Pollution Control District                       |
| PFCs              | perfluorocarbons   |
| PM <sub>10</sub>  | respirable particulate matter                                      |
| PM <sub>2.5</sub> | fine particulate matter  |

|                 |                                      |
|-----------------|--------------------------------------|
| ppm             | parts per million                    |
| ppv             | peak particle velocity               |
| ROG             | reactive organic gases               |
| RWQCB           | Regional Water Quality Control Board |
| Sacramento RT   | Sacramento Regional Transit          |
| SF <sub>6</sub> | sulfur hexafluoride                  |
| SIP             | State Implementation Plan            |
| SO <sub>2</sub> | sulfur dioxide                       |
| SVAB            | Sacramento Valley Air Basin          |
| TAC             | toxic air contaminants               |
| TCM             | transportation control measures      |
| TSM             | transportation systems management    |
| U.S. EPA        | U.S. Environmental Protection Agency |
| USACE           | U.S. Army Corps of Engineers         |
| USFWS           | U.S. Fish and Wildlife Service       |
| v/c             | volume-to-capacity (ratio)           |