

TABLE OF CONTENTS

SUMMARYS-1

 S-1 INTRODUCTION AND BACKGROUND.....S-1

 S-2 DEVELOPMENT OF THE FACILITIES MASTER PLANS-1

 S-3 PROPOSITION A BOND MEASURES-2

 S-4 PROJECT OBJECTIVESS-2

 S-5 PROJECT LOCATION AND SETTINGS-3

 S-6 PROJECT DESCRIPTION.....S-8

 S-7 ALTERNATIVES TO THE PROPOSED PROJECTS-12

 S-7.1 No Project AlternativeS-12

 S-7.2 Alternative Enrollment Growth ScenarioS-12

 S-7.3 Proposition A AlternativeS-14

 S-8 AREAS OF CONTROVERSYS-15

 S-9 ISSUES TO BE RESOLVEDS-15

 S-10 SUMMARY OF IMPACTS AND MITIGATION MEASURES.....S-15

CHAPTER 1 - INTRODUCTION 1-1

 1-1 VALLEY COLLEGE INTRODUCTION AND HISTORY 1-1

 1-2 DEVELOPMENT OF THE FACILITIES MASTER PLAN..... 1-2

 1-3 PROPOSITION A BOND MEASURE..... 1-2

 1-4 THE CEQA ENVIRONMENTAL REVIEW PROCESS..... 1-3

 1-5 INTENDED USES OF THE EIR AND OTHER PUBLIC AGENCY ACTIONS..... 1-6

 1-6 ORGANIZATION OF THE EIR 1-7

CHAPTER 2 - PROJECT DESCRIPTION 2-1

 2-1 PROJECT OBJECTIVES 2-1

 2-2 PROJECT LOCATION AND SETTING 2-2

 2-3 PROJECT DESCRIPTION 2-7

 2-3.1 Proposition A Bond Facility Projects..... 2-11

 2-3.2 Other Master Plan Construction or Renovation Projects 2-14

 2-3.3 Sustainable Building Plan 2-15

 2-4 CONSTRUCTION SCENARIO 2-16

 2-5 RELATED PROJECTS AND CUMULATIVE DEVELOPMENT 2-20

 2-5.1 Growth Plans and Policies 2-20

CHAPTER 3 - SETTING, IMPACTS, AND MITIGATION MEASURES 3-1

 3-1 INTRODUCTION..... 3-1

 3-2 VISUAL RESOURCES 3-2

 3-2.1 Environmental Setting..... 3-2

 3-2.2 Environmental Impacts 3-24

 3-2.3 Mitigation Measures 3-29

 3-2.4 Unavoidable Significant Adverse Impacts..... 3-30

 3-3 AIR QUALITY 3-31

 3-3.1 Environmental Setting..... 3-31

 3-3.2 Environmental Impacts 3-36

 3-3.3 Mitigation Measures 3-43

 3-3.4 Unavoidable Significant Adverse Impacts..... 3-45

3-4 HISTORICAL RESOURCES 3-47

 3-4.1 Environmental Setting 3-47

 3-4.2 Environmental Impacts 3-55

 3-4.3 Mitigation Measures 3-58

 3-4.4 Unavoidable Significant Adverse Impacts 3-58

3-5 ARCHAEOLOGICAL RESOURCES 3-59

 3-5.1 Environmental Setting 3-59

 3-5.2 Environmental Impacts 3-61

 3-5.3 Mitigation Measures 3-63

 3-5.4 Unavoidable Significant Adverse Impacts 3-63

3-6 PALEONTOLOGICAL RESOURCES 3-64

 3-6.1 Environmental Setting 3-64

 3-6.2 Environmental Impacts 3-64

 3-6.3 Mitigation Measures 3-66

 3-6.4 Unavoidable Significant Adverse Impacts 3-66

3-7 GEOLOGY/SOILS/SEISMICITY 3-67

 3-7.1 Environmental Setting 3-67

 3-7.2 Environmental Impacts 3-74

 3-7.3 Mitigation Measures 3-78

 3-7.4 Unavoidable Significant Adverse Impacts 3-79

3-8 HAZARDOUS MATERIALS 3-80

 3-8.1 Environmental Setting 3-80

 3-8.2 Environmental Impacts 3-85

 3-8.3 Mitigation Measures 3-88

 3-8.4 Unavoidable Significant Adverse Impacts 3-90

3-9 HYDROLOGY AND WATER QUALITY 3-91

 3-9.1 Environmental Setting 3-91

 3-9.2 Environmental Impacts 3-95

 3-9.3 Mitigation Measures 3-98

 3-9.4 Unavoidable Significant Adverse Impacts 3-99

3-10 LAND USE AND PLANNING 3-100

 3-10.1 Environmental Setting 3-100

 3-10.2 Environmental Impacts 3-106

 3-10.3 Mitigation Measures 3-110

 3-10.4 Unavoidable Significant Adverse Impacts 3-110

3-11 NOISE 3-111

 3-11.1 Environmental Setting 3-111

 3-11.2 Environmental Impacts 3-112

 3-11.3 Mitigation Measures 3-117

 3-11.4 Unavoidable Significant Adverse Impacts 3-117

3-12 POPULATION AND HOUSING 3-118

 3-12.1 Environmental Setting 3-118

 3-12.2 Environmental Impacts 3-122

 3-12.3 Mitigation Measures 3-124

 3-12.4 Unavoidable Significant Adverse Impacts 3-124

3-13 PUBLIC SERVICES 3-125

 3-13.1 Environmental Setting 3-125

 3-13.2 Environmental Impacts 3-132

 3-13.3 Mitigation Measures 3-136

 3-13.4 Unavoidable Significant Adverse Impacts 3-137

3-14 TRANSPORTATION, TRAFFIC, AND PARKING 3-139

 3-14.1 Environmental Setting..... 3-142

 3-14.2 Environmental Impacts 3-158

 3-14.3 Mitigation Measures 3-181

 3-14.4 Unavoidable Significant Adverse Impacts..... 3-185

3-15 PUBLIC UTILITIES..... 3-186

 3-15.1 Environmental Setting..... 3-186

 3-15.2 Environmental Impacts 3-192

 3-15.3 Mitigation Measures 3-197

 3-15.4 Unavoidable Significant Adverse Impacts..... 3-197

CHAPTER 4 - ALTERNATIVES 4-1

 4-1 INTRODUCTION..... 4-1

 4-2 NO PROJECT ALTERNATIVE 4-2

 4-3 ALTERNATIVE ENROLLMENT GROWTH SCENARIO..... 4-4

 4-4 PROPOSITION A ALTERNATIVE 4-7

 4-5 ENVIRONMENTALLY SUPERIOR ALTERNATIVE..... 4-12

CHAPTER 5 - IMPACT OVERVIEW 5-1

 5-1 INTRODUCTION..... 5-1

 5-2 UNAVOIDABLE SIGNIFICANT ADVERSE IMPACTS 5-1

 5-3 IMPACTS FOUND NOT TO BE SIGNIFICANT 5-1

 5-4 CUMULATIVE IMPACTS 5-1

 5-4.1 Visual Resources..... 5-6

 5-4.2 Air Quality 5-6

 5-4.3 Historical Resources 5-8

 5-4.4 Archaeological Resources..... 5-9

 5-4.5 Paleontological Resources 5-9

 5-4.6 Geology/Soils/Seismicity..... 5-10

 5-4.7 Hazardous Materials 5-10

 5-4.8 Hydrology and Water Quality..... 5-11

 5-4.9 Land Use and Planning 5-12

 5-4.10 Noise 5-13

 5-4.11 Population and Housing..... 5-14

 5-4.12 Public Services..... 5-14

 5-4.13 Transportation/Traffic and Parking..... 5-16

 5-4.14 Public Utilities 5-17

 5-5 IRREVERSIBLE ENVIRONMENTAL CHANGES 5-19

 5-6 GROWTH-INDUCING IMPACTS 5-19

CHAPTER 6 - BIBLIOGRAPHY 6-1

CHAPTER 7 - PERSONS AND ORGANIZATIONS CONSULTED..... 7-1

CHAPTER 8 - LIST OF PREPARERS 8-1

CHAPTER 9 – RESPONSES TO COMMENTS ON THE DRAFT EIR 9-1

APPENDICES

APPENDIX A - NOTICE OF PREPARATION AND PUBLIC RESPONSES

APPENDIX B - AIR QUALITY WORKSHEETS

APPENDIX C - ARCHAEOLOGICAL SURVEY REPORT

APPENDIX D - HAZARDOUS MATERIALS DATABASE (provided under separate cover)

APPENDIX E - TRAFFIC AND PARKING STUDY (provided under separate cover)

LIST OF FIGURES

Figure S-1: Regional Vicinity Map.....S-4

Figure S-2: Project Location Map.....S-5

Figure S-3: Existing Facilities Map.....S-6

Figure S-4: Project Area Land Uses.....S-7

Figure S-5: Proposed Master Plan Development.....S-9

Figure 2-1: Regional Location Map2-3

Figure 2-2: Project Vicinity Map.....2-4

Figure 2-3: Existing Facilities Map.....2-5

Figure 2-4: Project Area Land Uses.....2-6

Figure 2-5: Proposed Master Plan Development.....2-8

Figure 2-6: Locations of Related Projects2-23

Figure 3-1: Boundaries of Landscape Assessment Units A and B3-4

Figure 3-2: Quadrangle/Monarch Square, View North3-6

Figure 3-3: South Façade, Foreign Language Building.....3-7

Figure 3-4: Library/Learning Resource Center3-7

Figure 3-5: Campus Center (Architectural Style: New Formalism).....3-8

Figure 3-6: Quadrangle, Looking South (Adjoining Art Building).....3-9

Figure 3-7: Landscaping East Side of Quadrangle, Adjoining Cafeteria3-10

Figure 3-8: Parking Lot C, Looking South to the Art Building.....3-11

Figure 3-9: Parking Lot B (Showing Cellular Tower), View North.....3-11

Figure 3-10: Parking Lot A and Adjoining Restaurant, View South.....3-12

Figure 3-11: Parking Lot G, Looking East (Landscape Unit B).....3-13

Figure 3-12: Bungalow Grouping, Looking South (Landscape Unit B)3-14

Figure 3-13: James Dodson Historical Museum Bungalow, View West3-14

Figure 3-14: Football Practice Field, Looking South3-15

Figure 3-15: Field House (Original 1952 Gymnasium).....3-16

Figure 3-16: Paved Area Adjoining North Gym, Looking North.....3-16

Figure 3-17: Ethel Avenue, Looking North (Gymnastic Center on Right)3-17

Figure 3-18: Representative View - Inside Campus (Landscape Unit A)3-19

Figure 3-19: Representative View - Adjoining Quadrangle, Looking South3-19

Figure 3-20: Representative View - Tulip Tree Alleé, College Drive South3-20

Figure 3-21: Campus Drive, Looking South (Between Parking Lots B & D).....3-20

Figure 3-22: View North of Stadium from the Athletic Field3-21

Figure 3-23: PMRC/Learning Center/Library, View Northeast.....3-22

Figure 3-24: College Road, View West (Parking Lot B is to the Left)3-23

Figure 3-25: Opening Day, February 22, 1911.....3-48

Figure 3-26: Chemistry and Foreign Language Buildings, West Facades3-50

Figure 3-27: Administration Building and Covered Walkway.....3-50

Figure 3-28: Library View, Looking Northwest from the Quadrangle3-53

Figure 3-29: North Facade of Physics Building, Looking Southeast3-53

Figure 3-30: West Façade of Chemistry Building, Looking South3-54

Figure 3-31: Historical Museum Bungalow, Looking Northwest3-55

Figure 3-32: Planetarium, Looking Southeast.....3-58

Figure 3-33: Fault Map.....3-71

Figure 3-34: Liquefaction Map.....3-77

Figure 3-35: Local Water Resources3-92

Figure 3-36: Project Area Land Uses 3-101

Figure 3-37: Community Plan Map 3-102

Figure 3-38: Noise Measurement and Sensitive Receptor Locations 3-113

Figure 3-39: Study Area Census Tracts 3-119

Figure 3-40: Public Service Facilities 3-126

Figure 3-41: Project Location and Study Area for the Traffic Analysis 3-140

Figure 3-42: Locations of Existing Parking Facilities Serving Valley College 3-153

Figure 3-43: Existing Valley College Parking Utilization by Time of Day –
Wednesday, October 2, 2002 3-155

Figure 3-44: Locations of Related Projects for the Traffic Analysis 3-160

Figure 3-45: Generalized Project Trip Distribution 3-167

Figure 5-1: Locations of Related Projects 5-5

LIST OF TABLES

Table S-1: Proposed Master Plan ProjectsS-10

Table S-2: Summary of Impacts and Mitigation MeasuresS-16

Table 2-1: Proposed Master Plan Projects2-9

Table 2-2: List of Related Projects.....2-21

Table 3-1: Ambient Air Quality Standards3-33

Table 3-2: Summary of Air Quality Data at East San Fernando Valley (SRA 7) Monitoring Station3-35

Table 3-3: Emission Thresholds of Significance3-36

Table 3-4: Peak Day Construction Emissions (pounds per day).....3-38

Table 3-5: Peak Quarter Construction Emissions (in tons per quarter).....3-38

Table 3-6: Net Increase in Operation Emissions (in pounds per day).....3-42

Table 3-7: Maximum Daily Construction Emissions after Mitigation (in pounds per day).....3-45

Table 3-8: Peak Quarter Construction Emissions after Mitigation (in tons per quarter).....3-46

Table 3-9: Significant Architectural/Historical Resources Within a 2-Mile Radius
of Valley College3-52

Table 3-10: Fossil Localities in the Vicinity of the Project Area3-65

Table 3-11: Significant Active Faults3-72

Table 3-12: Modified Mercalli Scale for Earthquake Intensity.....3-73

Table 3-13: Historic Earthquakes.....3-74

Table 3-14: Principal Regulatory Agency Databases Searched3-82

Table 3-15: Potential Environmental Impacts.....3-86

Table 3-16: Contaminated Properties Impact Criteria.....3-87

Table 3-17: Properties within ¼-Mile of the Campus Boundary with a Moderate Potential to
Affect the Project3-88

Table 3-18: Tujunga Wash Impairments and Applicable Objectives3-93

Table 3-19: Comparison of the Proposed Project with Local Plans.....3-107

Table 3-20: Typical Noise Levels3-111

Table 3-21: Noise Measurement at Noise Sensitive Uses Noise3-114

Table 3-22: Community Noise Levels (Exterior) and Land Use Compatibility3-115

Table 3-23: Typical Construction Noise Levels.....3-116

Table 3-24: Existing Regional and Local Population Characteristics – Race/Ethnicity (2000).....3-120

Table 3-25: Existing Regional and Local Housing Characteristics – Occupancy (2000).....3-121

Table 3-26: Existing Regional and Local Housing Characteristics – Tenure (2000).....3-121

Table 3-27: Public Service Facilities Located within 2 Miles of Valley College3-125

Table 3-28: LAUSD K-12 Enrollment, FY 2000-2001 and FY 2001–2002.....3-129

Table 3-29: LAUSD Public Schools within Approximately 0.5 Mile of Valley College3-130

Table 3-30: Existing Surface Street Characteristics.....3-143

Table 3-31: Level of Service Definitions for Signalized Intersections3-146

Table 3-32: Existing Intersection Levels of Service3-148

Table 3-33: Los Angeles Valley College Existing Parking Inventory (Fall 2002)3-152

Table 3-34: Los Angeles Valley College Existing Parking Utilization –
Wednesday, October 2, 2002.....3-156

Table 3-35: Trip Generation Estimates for Related Projects.....3-161

Table 3-36: Valley College Master Plan Trip Generation Estimates: Academic Growth [a]3-165

Table 3-37: Distribution of Zip Codes of Residence for Valley College Students3-166

Table 3-38: Intersection Level of Service Analysis Cumulative Base and
Cumulative Plus Project Conditions3-169

Table 3-39: Neighborhood Street Impact Analysis3-174
Table 3-40: CMP Arterial Intersection Impact Analysis.....3-176
Table 3-41: CMP Transit Analysis.....3-179
Table 3-42: Existing and Proposed On-Campus Parking Supply3-180
Table 3-43: Peak Parking Analysis, Valley College Master Plan Academic Growth.....3-182
Table 3-44: Active Landfills and Recycling Centers3-189
Table 3-45: Estimated Current and Future Water Demand.....3-194
Table 3-46: Average Wastewater Flow Rate for Year 20083-194
Table 3-47: Projected Electricity Consumption for the Fall 2008 Semester.....3-196

Table 5-1: List of Related Projects.....5-3