

TABLE OF CONTENTS

TABLE OF CONTENTS

GRATON RANCHERIA CASINO AND HOTEL FINAL ENVIRONMENTAL IMPACT STATEMENT

EXECUTIVE SUMMARY

ES.1	Introduction	ES-1
ES.2	Purpose and Need	ES-1
ES.3	Alternatives	ES-1
ES.3.1	Alternative A – Proposed Project	ES-2
ES.3.2	Alternative B – Northwest Stony Point Casino	ES-2
ES.3.3	Alternative C – Northeast Stony Point Casino	ES-3
ES.3.4	Alternative D – Reduced Intensity (Stony Point Site).....	ES-3
ES.3.5	Alternative E – Business Park	ES-3
ES.3.6	Alternative F – Lakeville Casino	ES-3
ES.3.7	Alternative G – No Action.....	ES-3
ES.3.8	Alternative H –Reduced Intensity (Wilfred Site)	ES-4
ES.4	Areas of Controversy	ES-4
ES.5	Environmental Consequences, Mitigation, and Significance Conclusions Summary Matrix ...	ES-6

1.0 PURPOSE AND NEED

1.1	Introduction	1-1
1.2	Summary of the Proposed Action and Alternatives	1-2
1.3	Alternative Site Locations.....	1-3
1.3.1	Wilfred Site.....	1-3
1.3.2	Stony Point Site	1-8
1.3.3	Lakeville Site	1-12
1.4	Purpose and Need	1-15
1.5	Overview of the Environmental Review Process	1-20
1.6	Regulatory Requirements, Permits, and Approvals	1-23

2.0 ALTERNATIVES

2.1	Introduction	2-1
2.2	Alternative A – Proposed Project	2-3
2.2.1	Management Contract.....	2-7
2.2.2	Casino and Related Amenities.....	2-8
2.2.3	Hotel and Spa.....	2-9
2.2.4	Parking.....	2-9
2.2.5	Construction.....	2-9
2.2.6	Drainage.....	2-9
2.2.7	Wastewater Treatment and Disposal	2-13
2.2.8	Water Supply	2-19
2.2.9	Fuel Storage.....	2-22
2.2.10	Memoranda of Understanding	2-22
2.3	Alternative B – Northwest Stony Point Casino	2-28

2.3.1	Management Contract.....	2-28
2.3.2	Casino and Related Amenities.....	2-28
2.3.3	Hotel and Spa.....	2-30
2.3.4	Parking.....	2-30
2.3.5	Construction.....	2-30
2.3.6	Drainage.....	2-30
2.3.7	Wastewater Treatment and Disposal	2-33
2.3.8	Water Supply	2-37
2.3.9	Fuel Storage.....	2-37
2.3.10	Memoranda of Understanding	2-37
2.4	Alternative C – Northeast Stony Point Casino.....	2-37
2.4.1	Management Contract.....	2-39
2.4.2	Casino and Related Amenties.....	2-39
2.4.3	Hotel and Spa.....	2-39
2.4.4	Parking.....	2-39
2.4.5	Construction.....	2-39
2.4.6	Drainage.....	2-40
2.4.7	Wastewater Treatment and Disposal	2-40
2.4.8	Water Supply	2-45
2.4.9	Fuel Storage.....	2-45
2.4.10	Memoranda of Understanding	2-45
2.5	Alternative D – Reduced Intensity (Stony Point Site)	2-45
2.5.1	Management Contract.....	2-48
2.5.2	Casino and Related Amentities.....	2-48
2.5.3	Hotel	2-48
2.5.4	Parking.....	2-48
2.5.5	Construction.....	2-48
2.5.6	Drainage.....	2-49
2.5.7	Wastewater Treatment and Disposal	2-49
2.5.8	Water Supply	2-51
2.5.9	Fuel Storage.....	2-54
2.5.10	Memoranda of Understanding	2-54
2.6	Alternative E – Business Park.....	2-54
2.6.1	Business Park.....	2-54
2.6.2	Parking.....	2-56
2.6.3	Construction.....	2-56
2.6.4	Drainage.....	2-56
2.6.5	Wastewater Treatment and Disposal	2-58
2.6.6	Water Supply	2-62
2.6.7	Fuel Storage.....	2-62
2.6.8	Memoranda of Understanding	2-62
2.7	Alternative F – Lakeville Casino	2-63
2.7.1	Management Contract.....	2-63
2.7.2	Casino and Related Amenties.....	2-63
2.7.3	Hotel and Spa.....	2-63
2.7.4	Parking.....	2-65
2.7.5	Construction.....	2-65
2.7.6	Drainage.....	2-65
2.7.7	Wastewater Treatment and Disposal	2-67
2.7.8	Water Supply	2-67

2.7.9	Fuel Storage	2-70
2.7.10	Memoranda of Understanding	2-70
2.8	Alternative G – No Action	2-70
2.8.1	Northwest Specific Plan Southern Area	2-70
2.9	Alternatives Eliminated From Further Consideration.....	2-75
2.9.1	Non-Gaming Alternatives.....	2-75
2.9.2	Alternative Sites for Gaming	2-79
2.10	Alternative H –Reduced Intensity (Wilfred Site)	2-86
2.10.1	Management Contract.....	2-86
2.10.2	Casino and Related Amentities.....	2-86
2.10.3	Hotel	2-88
2.10.4	Parking.....	2-88
2.10.5	Construction.....	2-88
2.10.6	Drainage.....	2-88
2.10.7	Wastewater Treatment and Disposal	2-89
2.10.8	Water Supply	2-89
2.10.9	Fuel Storage	2-93
2.10.10	Memoranda of Understanding	2-93
2.10	Preferred Alternative.....	2-93

3.0 DESCRIPTION OF AFFECTED ENVIRONMENT

3.1	Introduction	3.1-1
3.2	Land Resources	3.2-1
3.2.1	General Issues	3.2-1
3.2.2	Wilfred Site.....	3.2-6
3.2.3	Stony Point Site	3.2-14
3.2.4	Lakeville Site	3.2-19
3.3	Water Resources	3.3-1
3.3.1	Surface Water	3.3-1
3.3.2	Groundwater	3.3-7
3.4	Air Quality	3.4-1
3.4.1	Air Basin Characteristics	3.4-1
3.4.2	Pollutants of Concern	3.4-6
3.4.3	Existing Air Quality.....	3.4-15
3.4.4	Regulatory Context.....	3.4-23
3.5	Biological Resources	3.5-1
3.5.1	Regional Setting.....	3.5-1
3.5.2	Vegetation Communities	3.5-2
3.5.3	Wildlife.....	3.5-13
3.5.4	Federally Listed and Other Special Status Species.....	3.5-15
3.5.5	Waters of the United States	3.5-39
3.5.6	Laguna de Santa Rosa.....	3.5-42
3.5.7	Sonoma Bay Lands.....	3.5-45
3.6	Cultural and Paleontological Resources	3.6-1
3.6.1	Regulatory Background	3.6-1
3.6.2	General Setting	3.6-3
3.6.3	Wilfred Site.....	3.6-7
3.6.4	Stony Point Site	3.6-13
3.6.5	Lakeville Site	3.6-15

3.7	Socioeconomic Conditions and Environmental Justice	3.7-1
3.7.1	Socioeconomic Characteristics of Sonoma County	3.7-1
3.7.2	Socioeconomic Characteristics of the Tribe	3.7-7
3.7.3	Tribal Attitudes, Expectations, Lifestyle and Culture	3.7-8
3.7.4	Environmental Justice.....	3.7-8
3.8	Resource Use Patterns.....	3.8-1
3.8.1	Transportation.....	3.8-1
3.8.2	Land Use.....	3.8-25
3.8.3	Agriculture.....	3.8-47
3.8.4	Other Resource Uses.....	3.8-52
3.9	Public Services.....	3.9-1
3.9.1	Water Supply	3.9-1
3.9.2	Wastewater Service	3.9-7
3.9.3	Solid Waste Service	3.9-9
3.9.4	Electricity, Natural Gas and Telecommunications	3.9-10
3.9.5	Public Health and Safety	3.9-12
3.9.6	Schools.....	3.9-20
3.10	Other Values	3.10-1
3.10.1	Noise.....	3.10-1
3.10.2	Hazardous Materials	3.10-10
3.10.3	Visual Resources	3.10-25

4.0 ENVIRONMENTAL CONSEQUENCES

4.1	Introduction	4.1-1
4.1.1	Determination of Significance	4.1-1
4.1.2	Jurisdiction and Special Expertise	4.1-3
4.2	Land Resources	4.2-1
4.2.1	Alternative A – Proposed Project	4.2-1
4.2.2	Alternative B – Northwest Stony Point Casino	4.2-4
4.2.3	Alternative C – Northeast Stony Point Casino	4.2-7
4.2.4	Alternative D – Reduced Intensity (Stony Point Site)	4.2-8
4.2.5	Alternative E – Business Park	4.2-9
4.2.6	Alternative F – Lakeville Casino	4.2-9
4.2.7	Alternative G – No Action.....	4.2-12
4.2.8	Alternative H –Reduced Intensity (Wilfred Site)	4.2-14
4.3	Water Resources	4.3-1
4.3.1	Alternative A – Proposed Project	4.3-1
4.3.2	Alternative B – Northwest Stony Point Casino	4.3-9
4.3.3	Alternative C – Northeast Stony Point Casino	4.3-11
4.3.4	Alternative D – Reduced Intensity (Stony Point Site)	4.3-13
4.3.5	Alternative E – Business Park	4.3-15
4.3.6	Alternative F – Lakeville Casino	4.3-18
4.3.7	Alternative G – No Action.....	4.3-20
4.3.8	Alternative H –Reduced Intensity (Wilfred Site)	4.3-22
4.4	Air Quality	4.4-1
4.4.1	Methodology	4.4-1
4.4.2	Alternative A – Proposed Project	4.4-8

4.4.3	Alternative B – Northwest Stony Point Casino	4.4-16
4.4.4	Alternative C – Northeast Stony Point Casino	4.4-18
4.4.5	Alternative D – Reduced Intensity (Stony Point Site)	4.4-21
4.4.6	Alternative E – Business Park	4.4-24
4.4.7	Alternative F – Lakeville Casino	4.4-28
4.4.8	Alternative G – No Action.....	4.4-31
4.4.9	Alternative H –Reduced Intensity (Wilfred Site)	4.4-34
4.5	Biological Resources	4.5-1
4.5.1	Alternative A – Proposed Project	4.5-1
4.5.2	Alternative B – Northwest Stony Point Casino	4.5-11
4.5.3	Alternative C – Northeast Stony Point Casino	4.5-19
4.5.4	Alternative D – Reduced Intensity (Stony Point Site)	4.5-26
4.5.5	Alternative E – Business Park	4.5-31
4.5.6	Alternative F – Lakeville Site.....	4.5-36
4.5.7	Alternative G – No Action.....	4.5-39
4.5.8	Alternative H –Reduced Intensity (Wilfred Site)	4.5-40
4.6	Cultural and Paleontological Resources	4.6-1
4.6.1	Alternative A – Proposed Project	4.6-1
4.6.2	Alternative B – Northwest Stony Point Casino	4.6-1
4.6.3	Alternative C – Northeast Stony Point Casino	4.6-2
4.6.4	Alternative D – Reduced Intensity (Stony Point Site)	4.6-3
4.6.5	Alternative E – Business Park	4.6-4
4.6.6	Alternative F – Lakeville Casino	4.6-4
4.6.7	Alternative G – No Action.....	4.6-5
4.6.8	Alternative H –Reduced Intensity (Wilfred Site)	4.6-6
4.7	Socioeconomic Conditions and Environmental Justice	4.7-1
4.7.1	Socioeconomic Conditions	4.7-1
4.7.2	Environmental Justice.....	4.7-33
4.8	Resource Use Patterns.....	4.8-1
4.8.1	Introduction	4.8-1
4.8.2	Alternative A – Proposed Project	4.8-15
4.8.3	Alternative B – Northwest Stony Point Casino	4.8-29
4.8.4	Alternative C – Northeast Stony Point Casino	4.8-41
4.8.5	Alternative D – Reduced Intensity (Stony Point Site)	4.8-52
4.8.6	Alternative E – Business Park	4.8-62
4.8.7	Alternative F – Lakeville Casino	4.8-73
4.8.8	Alternative G – No Action.....	4.8-85
4.8.9	Alternative H –Reduced Intensity (Wilfred Site)	4.8-86
4.9	Public Services.....	4.9-1
4.9.1	Alternative A – Proposed Project	4.9-1
4.9.2	Alternative B – Northwest Stony Point Casino	4.9-14
4.9.3	Alternative C – Northeast Stony Point Casino	4.9-22
4.9.4	Alternative D – Reduced Intensity (Stony Point Site)	4.9-28
4.9.5	Alternative E – Business Park	4.9-35
4.9.6	Alternative F – Lakeville Casino	4.9-41
4.9.7	Alternative G – No Action.....	4.9-47
4.9.8	Alternative H – Reduced Intensity (Wilfred Site)	4.9-50

4.10	Other Values	4.10-1
4.10.1	Alternative A – Proposed Project	4.10-1
4.10.2	Alternative B – Northwest Stony Point Casino	4.10-24
4.10.3	Alternative C – Northeast Stony Point Casino	4.10-34
4.10.4	Alternative D – Reduced Intensity (Stony Point Site)	4.10-53
4.10.5	Alternative E – Business Park	4.10-59
4.10.6	Alternative F – Lakeville Casino	4.10-80
4.10.7	Alternative G – No Action.....	4.10-89
4.10.8	Alternative H –Reduced Intensity (Wilfred Site)	4.10-92
4.11	Indirect and Growth Inducing Effects.....	4.11-1
4.11.1	Growth Inducing Effects.....	4.11-1
4.11.2	Indirect Effects from Off-site Traffic Mitigation	4.11-5
4.11.3	Indirect Effects from Off-site Pipeline Construction.....	4.11-13
4.12	Cumulative Effects.....	4.12-1
4.12.1	Introduction	4.12-1
4.12.2	Other Actions and Projects	4.12-2
4.12.3	Cumulative Environmental Effects.....	4.12-18

5.0 MITIGATION MEASURES

5.1	Introduction	5-1
5.2	Mitigation Measures	5-1
5.2.1	Land Resources.....	5-1
5.2.2	Water Resources	5-2
5.2.3	Air Quality	5-11
5.2.4	Biological Resources	5-22
5.2.5	Cultural and Paleontological Resources	5-31
5.2.6	Socioeconomic Conditions	5-32
5.2.7	Resource Use Patterns	5-36
5.2.8	Public Services	5-65
5.2.9	Other Values	5-70

6.0 CONSULTATION AND COORDINATION6-1

6.1	Lead Agency	6-1
6.2	Other Federal Agencies.....	6-1
6.3	State Agencies.....	6-2
6.4	Local Agencies	6-2
6.5	Other Organizations	6-5

7.0 LIST OF PREPARERS7-1

7.1	Lead Agency	7-1
7.2	Cooperating Agencies.....	7-1
7.3	Environmental Consultants	7-1

8.0 ACRONYMS AND ABBREVIATIONS8-1

9.0 REFERENCES 9-1

LIST OF TABLES

ES-1	Summary of Potential Environmental Effects, Mitigation Measures, and Significance.....	ES-9
1-1	Wilfred Site Parcels	1-8
1-2	Stony Point Site Parcels	1-12
1-3	Lakeville Site Parcels.....	1-15
1-4	Potential Permits and Approvals Required	1-23
2-1	Alternative A – Proposed Project Components	2-4
2-2	Wastewater Treatment Options.....	2-14
2-3	Alternative D – Reduced Intensity Alternative Components.....	2-46
2-4	Alternative E – Business Park Alternative Components.....	2-56
2-5	Alternative G – NWSP Southern Area Planned Land Use Program	2-72
2-6	Alternative G – Winfred Site Overlap of NWSP Southern Area Planned Land Use Program... <td>2-74</td>	2-74
2-7	Alternatives Eliminated from Further Consideration.....	2-76
3.2-1	Modified Mercalli Intensity Scale.....	3.2-5
3.2-2	Project Soil Limitations – Wilfred Site.....	3.2-7
3.2-3	Deterministic Seismic Characteristics – Wilfred Site.....	3.2-10
3.2-4	Project Soil Limitations – Stony Point Site	3.2-17
3.2-5	Deterministic Seismic Characteristics – Stony Point Site.....	3.2-18
3.2-6	Project Soil Limitations – Lakeville Site	3.2-24
3.2-7	Deterministic Seismic Characteristics – Lakeville Site	3.2-25
3.4-1	National Ambient Air Quality Standards for Criteria Pollutants and Attainment Status for the Bay Area Air Quality Management District.....	3.4-7
3.4-2	SFBAAB Portion of Sonoma County 2005 Emissions Inventory (Tons per Day).....	3.4-16
3.4-3	Emission Sources Greater Than 10 Tons per Year Within 10-Mile Radius of Winfred Site	3.4-17
3.4-4	Emission Sources Greater Than 10 Tons per Year Within 10-Mile Radius of Lakeville Site	3.4-18
3.4-5	Air Monitoring Data for Latest Monitoring Years in Project Areas	3.4-19
3.4-6	Global Greenhouse Gas Emissions	3.4-23
3.4-7	Sources and Potential Health Effects of Major Indoor Air Pollutants	3.4-31
3.5-1	Target Special Status Species List – Wilfred and Stony Point Site	3.5-19
3.5-2	Target Special Status Species List – Lakeville Site	3.5-28
3.7-1	Regional Population.....	3.7-1
3.7-2	2004 Regional Housing Estimates	3.7-3
3.7-3	Historical Vacancy Rates	3.7-4
3.7-4	Labor Force Participation and Unemployment Rates	3.7-5
3.7-5	Employment by Industry (2003)	3.7-6
3.7-6	Regional Income and Poverty (2003)	3.7-6
3.7-7	Federated Indians of Graton Rancheria – Tribal Location by County (2004)	3.7-7
3.7-8	Federated Indians of Graton Rancheria – Household Income (2004).....	3.7-8
3.7-9	Minority Population by Census Tract – Wilfred Site, Stony Point Site and Vicinity	3.7-14
3.7-10	Minority Population by Census Tract – Lakeville Site and Vicinity	3.7-15
3.7-11	Household Income Data by Census Tract – Lakeville Site and Vicinity.....	3.7-18
3.7-12	Household Income Data by Census Tract – Lakeville Site and Vicinity.....	3.7-19
3.8-1	Intersection Level of Service Definitions	3.8-7

3.8-2 LOS Standards – Wilfred and Stony Point Sites.....	3.8-7
3.8-3 Existing Freeway Segment and Ramp Performance – Wilfred and Stony Point Sites	3.8-11
3.8-4 Existing Peak Hour Intersection Performance – Wilfred and Stony Point Sites	3.8-13
3.8-5 LOS Standards – Lakeville Site	3.8-19
3.8-6 Existing Freeway Segment and Ramp Performance – Lakeville Site.....	3.8-20
3.8-7 Existing PM Peak Hour Intersection Performance – Lakeville Site	3.8-22
3.8-8 Farmland Conversion in Sonoma County.....	3.8-50
3.9-1 Rohnert Park Police Beat Locations	3.9-13
3.9-2 Comparison of Criminal Activity in Rohnert Park (1998 and 2002).....	3.9-14
3.9-3 Rohnert Park Fire Services Division – Common Calls (1998-2002).....	3.9-16
3.9-4 School Information by District (2002-2003)	3.9-22
3.10-1 Acoustical Terminology.....	3.10-2
3.10-2 Typical A-Weighted Sound Levels of Common Noise Sources.....	3.10-3
3.10-3 Measures of Substantial Increase for Transportation Noise Exposure	3.10-4
3.10-4 Measured Ambient Noise Levels.....	3.10-6
3.10-5 Noise Measurement Summary and FHWA Model Calibration	3.10-9
3.10-6 Databases Searched.....	3.10-20
3.10-7 Data Point Light Readings	3.10-39
3.10-8 Data Point Light Readings	3.10-57
4.4-1 Calculation of Average Trip Length	4.4-4
4.4-2 Construction-Related Emissions (Tons per Year)	4.4-9
4.4-3 Near-term Operational Emissions.....	4.4-13
4.5-1 Anticipated Effects to Habitat Types – Alternative A, Option 1	4.5-2
4.5-2 Anticipated Effects to Habitat Types – Alternative A, Option 2	4.5-2
4.5-3 Anticipated Effects to Habitat Types – Alternative A, Option 3	4.5-2
4.5-4 Impacts and Mitigation Requirements for Alternative A, Options1, 2 and 3	4.5-4
4.5-5 Anticipated Direct Effects to Waters of the U.S. – Alternative A, Option 1	4.5-11
4.5-6 Anticipated Direct Effects to Waters of the U.S. – Alternative A, Option 2	4.5-11
4.5-7 Anticipated Direct Effects to Waters of the U.S. – Alternative A, Option 3	4.5-11
4.5-8 Anticipated Effects to Habitat Types – Alternative B, Option 1	4.5-12
4.5-9 Anticipated Effects to Habitat Types – Alternative B, Option 2	4.5-11
4.5-10 Mitigation Requirements for Alternatives B, Options 1 and 2	4.5-14
4.5-11 Anticipated Direct Effects to Waters of the U.S. – Alternative B, Option 1	4.5-16
4.5-12 Anticipated Direct Effects to Waters of the U.S. – Alternative B, Option 2	4.5-16
4.5-13 Anticipated Effects to Habitat Types – Alternative C, Option 1	4.5-19
4.5-14 Anticipated Effects to Habitat Types – Alternative C, Option 2	4.5-20
4.5-15 Mitigation Requirements for Alternatives C, Options 1 and 2	4.5-21
4.5-16 Anticipated Direct Effects to Waters of the U.S. – Alternative C, Option 1	4.5-23
4.5-17 Anticipated Direct Effects to Waters of the U.S. – Alternative C, Option 2	4.5-23
4.5-18 Anticipated Effects to Habitat Types – Alternative D, Option 1	4.5-26
4.5-19 Anticipated Effects to Habitat Types – Alternative D, Option 2	4.5-26
4.5-20 Mitigation Requirements for Alternatives D, Options 1 and 2	4.5-27
4.5-21 Anticipated Direct Effects to Waters of the U.S. – Alternative D, Option 1	4.5-28
4.5-22 Anticipated Direct Effects to Waters of the U.S. – Alternative D, Option 2	4.5-31
4.5-23 Anticipated Effects to Habitat Types – Alternative E, Option 1.....	4.5-31
4.5-24 Anticipated Effects to Habitat Types – Alternative E, Option 2.....	4.5-31
4.5-25 Mitigation Requirements for Alternative E, Options 1 and 2	4.5-33

4.5-26 Anticipated Direct Effects to Waters of the U.S. – Alternative E, Option 1.....	4.5-36
4.5-27 Anticipated Direct Effects to Waters of the U.S. – Alternative E, Option 2.....	4.5-36
4.5-28 Anticipated Effects to Habitat Types – Alternative F, Option 1	4.5-37
4.5-29 Anticipated Effects to Habitat Types – Alternative F, Option 2	4.5-37
4.5-30 Anticipated Direct Effects to Waters of the U.S. – Alternative F, Option 1	4.5-39
4.5-31 Anticipated Direct Effects to Waters of the U.S. – Alternative F, Option 2	4.5-39
4.5-32 Anticipated Effects to Habitat Types – Alternative H Option 1	4.5-40
4.5-33 Anticipated Effects to Habitat Types – Alternative H Option 2	4.5-40
4.5-34 Anticipated Effects to Habitat Types – Alternative H Option 3	4.5-41
4.5-35 Impacts and Mitigation Requirements for Alternative H Options 1, 2 and 3	4.5-43
4.5-36 Anticipated Direct Effects to Waters of the U.S. – Alternative H Option 1	4.5-46
4.5-37 Anticipated Direct Effects to Waters of the U.S. – Alternative H Option 2	4.5-46
4.5-38 Anticipated Direct Effects to Waters of the U.S. – Alternative H Option 3	4.5-46
4.7-1 Direct Economic Impact during Construction	4.7-2
4.7-2 Direct Annual Operating Socioeconomic Impact	4.7-2
4.7-3 Indirect and Induced Construction Impact.....	4.7-5
4.7-4 Indirect and Induced Operation Impact	4.7-6
4.7-5 Existing Sonoma County Service Population	4.7-10
4.7-6 Estimated Increase in Sonoma County Service Population per Alternative	4.7-10
4.7-7 Existing Annual Sonoma County Revenue Sources	4.7-11
4.7-8 Existing Annual Sonoma County Appropriations	4.7-12
4.7-9 Estimated Annual Fiscal Impacts to Sonoma County per Alternative.....	4.7-13
4.7-10 Comparative Casinos	4.7-14
4.7-11 2003 Crime Statistics by Comparative Casino	4.7-16
4.8-1 Freeway Segment and Ramp Performance – 2008 Without Project – Wilfred and Stony Point Sites	4.8-7
4.8-2 2008 PM Peak Intersection Conditions – Wilfred and Stony Point Sites	4.8-8
4.8-3 Sonoma County General Plan Consistency – Project Alternatives.....	4.8-10
4.8-4 City of Rohnert Park General Plan Consistency – Project Alternatives	4.8-14
4.8-5 Project Trip Generation – Alternative A.....	4.8-19
4.8-6 Freeway Segment and Ramp Performance – 2008 – Alternative A	4.8-22
4.8-7 Intersection LOS – Alternative A	4.8-24
4.8-8 Project Trip Generation – Alternative B	4.8-30
4.8-9 Freeway Segment and Ramp Performance – 2008 – Alternative B.....	4.8-35
4.8-10 Intersection LOS – Alternative B	4.8-36
4.8-11 Project Trip Generation – Alternative C	4.8-42
4.8-12 Freeway Segment and Ramp Performance – 2008 – Alternative C.....	4.8-47
4.8-13 Intersection LOS – Alternative C	4.8-48
4.8-14 Project Trip Generation – Alternative D.....	4.8-52
4.8-15 Freeway Segment and Ramp Performance – 2008 – Alternative D	4.8-57
4.8-16 Intersection LOS – Alternative D	4.8-58
4.8-17 Project Trip Generation – Alternative E	4.8-63
4.8-18 Freeway Segment and Ramp Performance 2008 – Alternative E.....	4.8-67
4.8-19 Intersection LOS – Alternative E.....	4.8-69
4.8-20 Freeway Segment and Ramp Performance – 2008 – Alternative F.....	4.8-80
4.8-21 Intersection LOS – Alternative F.....	4.8-81
4.8-22 Project Trip Generation – Alternative H.....	4.8-86

4.8-23 Freeway Segment and Ramp Performance 2008 – Alternative H	4.8-90
4.8-24 Intersection LOS – Alternative H	4.8-91
4.9-1 Alternative A – Projected Wastewater Flows	4.9-2
4.9-2 Solid Waste Disposal Estimate – Alternative A	4.9-5
4.9-3 School Enrollment Statistics for Selected Casino Communities 2000-2007	4.9-15
4.9-4 Alternative D – Projected Wastewater Flows	4.9-29
4.9-5 Solid Waste Disposal Estimate – Alternative D	4.9-30
4.9-6 Alternative E – Projected Wastewater Flows	4.9-36
4.9-7 Solid Waste Disposal Estimate – Alternative E.....	4.9-37
4.10-1 Typical Construction Noise Levels.....	4.10-2
4.10-2 Predicted Noise Levels from On-site Activities at Sensitive Receptors	4.10-3
4.10-3 Predicted Traffic Noise Levels At Reference Distances – Alternatives A-E, H.....	4.10-7
4.10-4 Changes in Predicted Traffic Noise Levels at Reference Distances – Alternatives A-E, H....	4.10-8
4.10-5 Predicted Traffic Noise Levels At Reference Distances – Alternative F.....	4.10-82
4.10-6 Changes In Predicted Traffic Noise Levels At Reference Distances – Alternative F.....	4.10-82
4.10-7 Predicted Traffic Noise Levels at Reference Distances – Alternative G	4.10-90
4.10-8 Changes in Predicted Traffic Noise Levels at Reference Distances – Alternative G	4.10-90
4.11-1 Worker Absorption Capacity by Area	4.11-3
4.11-2 Alternative A-E and H Improvements	4.11-10
4.11-3 Alternative F Improvements	4.11-11
4.12-1 Planned Regional Cumulative Development	4.12-8
4.12-2 Regional Emissions Trends	4.12-22
4.12-3 Emissions as a Percent of County Total (Near Term).....	4.12-25
4.12-4 Emissions as a Percent of County Total 2020.....	4.12-25
4.12-5 2020 Emissions Compared to BAAQMD Thresholds	4.12-26
4.12-6 Greenhouse Gas CO ₂ Equivalent	4.12-28
4.12-7 Estimated Alternative A Operation GHG Emissions	4.12-29
4.12-8 Compliance with State Emissions Reduction Strategies	4.12-30
4.12-9 Regional Population Trends	4.12-33
4.12-10 Freeway Segment and Ramp Performance Cumulative - 2020.....	4.12-40
4.12-11 Peak Hour Intersection Conditions – Cumulative 2020.....	4.12-41
4.12-12 Predicted Cumulative Traffic Noise Levels at Reference Distance – Alternatives A – E ...	4.12-51
4.12-13 Change in Predicted Cumulative Traffic Noise Levels at Reference Distance – Alternatives A – E	4.12-52
4.12-14 Estimated Alternative D Operation GHG Emissions	4.12-73
4.12-15 Estimated Alternative E Operation GHG Emissions.....	4.12-81
4.12-16 Highway Section/Ramp LOS – Alternative F	4.12-93
4.12-17 Peak Hour Intersection Conditions – Cumulative Plus Alternative F.....	4.12-95
4.12-18 Predicted Cumulative Traffic Noise Levels at Reference Distances – Alternative F	4.12-98
4.12-19 Changes in Predicted Cumulative Traffic Noise Levels at Reference Distances – Alternative F	4.12-98
4.12-20 Estimated Alternative G Operation GHG Emissions	4.12-102
4.12-21 Compliance with State Emissions Reduction Strategies	4.12-103
5-1 Near-term Operational Mitigated Emissions	5-16
5-2 Compliance with State Emissions Reduction Strategies.....	5-22
5-3 Mitigation Requirements for Impacts to Listed Plant Species of the Santa Rosa Plain.....	5-24
5-4 Impacts and Mitigation Requirements for CTS	5-27

5-5	Alternatives A-D and H, Crime Impact Mitigation	5-33
5-6	Alternative F, Crime Impact Mitigation	5-36
5-7	Intersection Improvements – Alternatives A-E and H	5-38
5-8	Intersection Improvements – Alternatives F	5-50
5-9	Intersection LOS After Mitigation – Alternatives A-E (2008)	5-55
5-10	Intersection LOS After Mitigation – Alternatives A-E (2020)	5-56
5-11	Intersection LOS After Mitigation – Alternative F (2008 and 2020)	5-57
5-12	Freeway/ Ramp Segment LOS After Mitigation – Alternatives A-E (2008 and 2020)	5-61
5-13	Freeway/ Ramp Segment LOS After Mitigation – Alternative F (2008 and 2020)	5-62

LIST OF FIGURES

1-1	Regional Location	1-4
1-2	Wilfred Site – Site and Vicinity	1-5
1-3	Wilfred Site – Aerial Site Map	1-6
1-4	Wilfred Site – Parcel Map	1-7
1-5	Stony Point Site – Site and Vicinity Map	1-9
1-6	Stony Point Site – Aerial Site Map	1-10
1-7	Stony Point Site – Parcel Map	1-11
1-8	Lakeville Site – Site and Vicinity Map	1-13
1-9	Lakeville Site – Aerial Site Map	1-14
1-10	Lakeville Site – Parcel Map	1-16
2-1	Alternative A – Site Plan	2-5
2-2	Alternatives A and B – Architectural Rendition	2-6
2-3	Alternative A – Grading/Drainage Plan	2-11
2-4	Alternative A – Grading/Drainage Plan - Stormwater Detention Basin	2-12
2-5	Alternative A – Water/Wastewater Facilities (Option 1)	2-15
2-6	Alternative A – Water/Wastewater Facilities (Option 2)	2-18
2-7	Alternative A – Water/Wastewater Facilities (Option 3)	2-20
2-8	Alternative B – Site Plan	2-29
2-9	Alternative B – Site Photo	2-31
2-10	Alternative B – Grading/Drainage Plan	2-32
2-11	Alternatives A, B, D, E, and H – Grading/Drainage Plan – Stormwater Detention/Floodplain Storage	2-34
2-12	Alternative B – Water/Wastewater Facilities (Option 1)	2-35
2-13	Alternative B – Water/Wastewater Facilities (Option 2)	2-36
2-14	Alternative C – Site Plan	2-38
2-15	Alternative C – Grading/Drainage Plan	2-41
2-16	Alternative C – Grading/Drainage Plan – Stormwater Detention/Floodplain Storage	2-42
2-17	Alternative C – Water/Wastewater Facilities (Option 1)	2-43
2-18	Alternative C – Water/Wastewater Facilities (Option 2)	2-44
2-19	Alternative D – Site Plan	2-47
2-20	Alternative D – Grading/Drainage Plan	2-50
2-21	Alternative D – Water/Wastewater Facilities (Option 1)	2-52
2-22	Alternative D – Water/Wastewater Facilities (Option 2)	2-53
2-23	Alternative E – Site Plan	2-55

2-24	Alternative E – Architectural Rendition	2-57
2-25	Alternative E – Grading/Drainage Plan	2-59
2-26	Alternative E – Water/Wastewater Facilities (Option 1)	2-60
2-27	Alternative E – Water/Wastewater Facilities (Option 2)	2-61
2-28	Alternative F – Site Plan	2-64
2-29	Alternative F – Grading/Drainage Plan	2-66
2-30	Alternative F – Water/Wastewater Facilities (Option 1)	2-68
2-31	Alternative F – Water/Wastewater Facilities (Option 2)	2-69
2-32	Alternative G – Northwest Specific Plan - Location Map	2-71
2-33	Alternative G – Northwest Specific Plan - Southern Area Land Use	2-73
2-34	Alternatives Eliminated from Further Consideration – Alternative Gaming Sites	2-80
2-35	Agilent Site – Site and Vicinity Map	2-82
2-36	Agilent Site – Aerial Photo	2-83
2-37	Alternative H Site Plan	2-87
2-38	Alternative H – Grading/Drainage Plan.....	2-90
2-39	Alternative H – Water/Wastewater Facilities (Option 2).....	2-91
2-40	Alternative H – Water/Wastewater Facilities (Option 3).....	2-92
3.2-1	West Coast Geomorphic Provinces	3.2-2
3.2-2	West Coast Geomorphic Provinces – Topography	3.2-3
3.2-3	Wilfred Site Topography	3.2-8
3.2-4	Wilfred Site Soil Map	3.2-9
3.2-5	Regional Fault Map	3.2-11
3.2-6	Wilfred Site Liquefaction Susceptibility Map	3.2-13
3.2-7	Stony Point Site Topography	3.2-15
3.2-8	Stony Point Site Soil Map.....	3.2-16
3.2-9	Stony Point Site Liquefaction Susceptibility Map.....	3.2-20
3.2-10	Lakeville Site Topography	3.2-21
3.2-11	Lakeville Site Soil Map	3.2-23
3.3-1	Laguna de Santa Rosa Watershed Map.....	3.3-2
3.3-2	Wilfred and Stony Point Site Floodplain Map.....	3.3-4
3.3-3	Lakeville Site Floodplain Map.....	3.3-8
3.3-4	Regional Groundwater Basins	3.3-9
3.4-1	Temperature Inversions	3.4-3
3.4-2	Relative Sizes of Particulate Matter Pollution	3.4-11
3.5-1	Vegetation Map – Stony Point and Wilfred Sites	3.5-3
3.5-2	Annual Grassland – Stony Point and Wilfred Sites	3.5-5
3.5-3	Seasonal Pools and Wet Areas – Stony Point and Wilfred Sites	3.5-7
3.5-4	Drainage Ditches and Canals – Stony Point and Wilfred Sites	3.5-9
3.5-5	Locations of Special Status Plant Populations –Stony Point and Wilfred Sites and Vicinity..	3.5-17
3.5-6	Reported Locations of California Tiger Salamander in the Vicinity of the Stony Point Site ..	3.5-18
3.5-7	Waters of the U.S. – Wilfred and Stony Point Sites	3.5-41
3.5-8	Summary of Biological Resources - Lakeville Site and Vicinity	3.5-43
3.5-9	Laguna de Santa Rosa Resource Atlas and Protection Plan Study Area	3.5-44
3.7-1	Census Tract Map – Wilfred Site and Stony Point Site and Vicinity	3.7-11
3.7-2	Census Tract Map – Lakeville Site and Vicinity	3.7-12
3.8-1	Area Road Network – Wilfred and Stony Point Site Vicinity	3.8-2
3.8-2	Existing Lane Geometry and Traffic Control – Wilfred and Stony Point Site Vicinity	3.8-3

3.8-3	Project Study Intersections – Alternatives A, B, C, D, E, and H.....	3.8-10
3.8-4	Existing Peak Hour Turning Movement Volumes – Wilfred and Stony Point Site Vicinity..	3.8-15
3.8-5	Area Roadway Network – Lakeville Site Vicinity	3.8-16
3.8-6	Existing Lane Geometry and Traffic Control – Lakeville Site Vicinity	3.8-17
3.8-7	Project Study Intersections – Alternative F	3.8-23
3.8-8	Existing Peak Hour Turning Volumes – Alternative F.....	3.8-24
3.8-9	Existing Development Surrounding the Wilfred and Stony Point Sites	3.8-28
3.8-10	Planning Areas Surrounding Wilfred Site	3.8-30
3.8-11	General Plan Land Use Areas – Wilfred Site and Vicinity.....	3.8-31
3.8-12	Zoning Designations – Wilfred Site and Vicinity.....	3.8-33
3.8-13	Planning Areas Surrounding Stony Point Site	3.8-39
3.8-14	General Plan Land Use Areas – Stony Point Site and Vicinity	3.8-40
3.8-15	Zoning Designations – Stony Point Site and Vicinity	3.8-41
3.8-16	General Plan Land Use Areas – Lakeville Site and Vicinity	3.8-44
3.8-17	Zoning Designations – Lakeville Site and Vicinity	3.8-45
3.8-18	Williamson Act Parcels.....	3.8-51
3.9-1	Municipal Well Locations.....	3.9-2
3.9-2	Well Locations – Wilfred Site and Stony Point Site and Vicinity	3.9-3
3.9-3	Fire Station Locations	3.9-18
3.9-4	School Districts.....	3.9-21
3.10-1	Ambient Noise Measurement Location – Wilfred and Stony Point Sites.....	3.10-7
3.10-2	Ambient Noise Measurement Location – Lakeville Site	3.10-8
3.10-3	Former Naval Auxiliary Air Station Location	3.10-13
3.10-4	Sampling Locations	3.10-16
3.10-5	Viewshed - Rohnert Park Sites	3.10-27
3.10-6	RP01 Context Photos	3.10-28
3.10-7	RP04 Context Photos	3.10-29
3.10-8	RP05 Context Photos	3.10-30
3.10-9	RP06 Context Photos	3.10-31
3.10-10	RP01 Viewshed Site Photograph	3.10-33
3.10-11	RP03 Viewshed Site Photograph	3.10-34
3.10-12	RP04 Viewshed Site Photograph	3.10-36
3.10-13	RP05 Viewshed Site Photograph	3.10-37
3.10-14	RP06 Viewshed Site Photograph	3.10-38
3.10-15	RP02 Viewshed Site Photograph	3.10-43
3.10-16	RP07 Viewshed Site Photograph	3.10-46
3.10-17	RP08 Viewshed Site Photograph	3.10-47
3.10-18	RP09 Viewshed Site Photograph	3.10-48
3.10-19	RP10 Viewshed Site Photograph	3.10-49
3.10-20	Viewshed – Lakeville Site.....	3.10-51
3.10-21	LV01 Viewshed Site Photograph.....	3.10-52
3.10-22	LV02 Viewshed Site Photograph.....	3.10-53
3.10-23	LV03 Viewshed Site Photograph.....	3.10-55
3.10-24	LV04 Viewshed Site Photograph.....	3.10-56
4.5-1	Wetland Impacts– Alternative A, Option 1	4.5-8
4.5-2	Wetland Impacts– Alternative A, Option 2	4.5-9
4.5-3	Wetland Impacts– Alternative A, Option 3	4.5-10

4.5-4	Wetland Impacts – Alternative B, Option 1	4.5-17
4.5-5	Wetland Impacts – Alternative B, Option 2.....	4.5-18
4.5-6	Wetland Impacts – Alternative C, Option 1.....	4.5-24
4.5-7	Wetland Impacts – Alternative C, Option 2.....	4.5-25
4.5-8	Wetland Impacts – Alternative D, Option 1	4.5-29
4.5-9	Wetland Impacts – Alternative D, Option 2	4.5-30
4.5-10	Wetland Impacts – Alternative E, Option 1	4.5-34
4.5-11	Wetland Impacts – Alternative E, Option 2.....	4.5-35
4.5-12	Wetland Impacts– Alternative H, Option 1	4.5-47
4.5-13	Wetland Impacts– Alternative H, Option 2	4.5-48
4.5-14	Wetland Impacts– Alternative H, Option 3	4.5-49
4.8-1	2008 Lane Geometry and Traffic Control – Wilfred and Stony Point Site Vicinity	4.8-2
4.8-2	2008 No Project PM Traffic Volumes – Wilfred and Stony Point Site Vicinity	4.8-4
4.8-3	2008 Project Generated PM Traffic Volumes – Alternative A.....	4.8-18
4.8-4	Project Trip Distribution (In) – Alternative A	4.8-20
4.8-5	Project Trip Distribution (Out) – Alternative A.....	4.8-21
4.8-6	2008 Plus Project PM Traffic Volumes – Alternative A	4.8-25
4.8-7	2008 Project Generated PM Traffic Volumes – Alternative B	4.8-31
4.8-8	Project Trip Distribution (In) – Alternative B	4.8-33
4.8-9	Project Trip Distribution (Out) – Alternative B	4.8-34
4.8-10	2008 Plus Project PM Traffic Volumes – Alternative B	4.8-38
4.8-11	2008 Project Generated PM Traffic Volumes – Alternative C	4.8-43
4.8-12	Project Trip Distribution (In) – Alternative C	4.8-44
4.8-13	Project Trip Distribution (Out) – Alternative C	4.8-46
4.8-14	2008 Plus Project PM Traffic Volumes – Alternative C	4.8-49
4.8-15	2008 Project Generated PM Traffic Volumes – Alternative D	4.8-53
4.8-16	Project Trip Distribution (In) – Alternative D.....	4.8-55
4.8-17	Project Trip Distribution (Out) – Alternative D	4.8-56
4.8-18	2008 Plus Project PM Traffic Volumes – Alternative D	4.8-60
4.8-19	2008 Project Generated PM Traffic Volumes – Alternative E.....	4.8-64
4.8-20	Project Trip Distribution (In) – Alternative E.....	4.8-65
4.8-21	Project Trip Distribution (Out) – Alternative E	4.8-66
4.8-22	2008 Plus Project PM Traffic Volumes – Alternative E	4.8-70
4.8-23	2008 Lane Geometry and Traffic Control – Lakeville Site Vicinity.....	4.8-73
4.8-24	2008 No Project PM Traffic Volumes – Lakeville Site Vicinity	4.8-74
4.8-25	2008 Project Generated PM Traffic Volumes – Alternative F	4.8-76
4.8-26	Project Trip Distribution (In) – Alternative F	4.8-77
4.8-27	Project Trip Distribution (Out) – Alternative F.....	4.8-78
4.8-28	2008 Plus Project PM Traffic Volumes – Alternative F	4.8-82
4.8-29	Project Trip Distribution (In) – Alternative H.....	4.8-88
4.8-30	Project Trip Distribution (Out) – Alternative H	4.8-89
4.8-31	2008 Project PM Traffic Volumes – Alternative H	4.8-92
4.8-32	2008 Plus Project PM Traffic Volumes – Alternative H.....	4.8-93
4.10-1	Alternative A Massing: Southwest View of Wilfred Site (RP01).....	4.10-13
4.10-2	Alternative A Massing: Wilfred Channel Looking Southeast (RP03)	4.10-14
4.10-3	Alternative A Massing: Corner of Wilfred Avenue and Stony Point Road Looking Southeast (RP04).....	4.10-16

4.10-4 Alternative A Massing: Stony Point Road and Rohnert Park Expressway Looking Northeast (RP05).....	4.10-17
4.10-5 Alternative A Massing: Northwest View from Business Park Drive (RP06)	4.10-19
4.10-6 Alternative A Massing: (RP07).....	4.10-20
4.10-7 Alternative A Massing: (RP08).....	4.10-21
4.10-8 Alternative A Massing: (RP09).....	4.10-22
4.10-9 Alternative A Massing: (RP10).....	4.10-23
4.10-10 Alternative B Massing: Bellevue-Wilfred Channel Looking Southwest (RP02).....	4.10-30
4.10-11 Alternative B Massing: Corner of Wilfred Avenue and Stony Point Road Looking Southeast (RP04).....	4.10-31
4.10-12 Alternative B Massing: Stony Point Road and Rohnert Park Expressway Looking Northeast (RP05).....	4.10-32
4.10-13 Alternative B Massing: Northwest View from Business Park Drive (RP06).....	4.10-35
4.10-14 Alternative B Massing: (RP07)	4.10-36
4.10-15 Alternative B Massing: (RP08).....	4.10-37
4.10-16 Alternative B Massing: (RP09).....	4.10-38
4.10-17 Alternative B Massing: (RP10)	4.10-39
4.10-18 Alternative C Massing: Bellevue-Wilfred Channel Looking Southwest (RP03).....	4.10-43
4.10-19 Alternative C Massing: Corner of Wilfred avenue and Stony Point Road Looking Southeast (RP04).....	4.10-46
4.10-20 Alternative C Massing: Stony Point Road and Rohnert Park Expressway Looking Northeast (RP05).....	4.10-47
4.10-21 Alternative C Massing: Northwest View from Business Park Drive (RP06).....	4.10-48
4.10-22 Alternative C Massing: (RP07)	4.10-49
4.10-23 Alternative C Massing: (RP08).....	4.10-50
4.10-24 Alternative C Massing: (RP09)	4.10-51
4.10-25 Alternative C Massing: (RP10)	4.10-52
4.10-26 Alternative D Massing: Bellevue-Wilfred Channel Looking Southwest (RP02).....	4.10-57
4.10-27 Alternative D Massing: Corner of Wilfred Avenue and Stony Point Road Looking Southeast (RP04).....	4.10-60
4.10-28 Alternative D Massing: Stony Point Road and Rohnert Park Expressway Looking Northeast (RP05).....	4.10-61
4.10-29 Alternative D Massing: Northwest View from Business Park Drive (RP06)	4.10-62
4.10-30 Alternative D Massing: (RP07)	4.10-63
4.10-31 Alternative D Massing: (RP08)	4.10-64
4.10-32 Alternative D Massing: (RP09)	4.10-65
4.10-33 Alternative D Massing: (RP10)	4.10-66
4.10-34 Alternative E Massing: Bellevue-Wilfred Channel Looking Southwest (RP02).....	4.10-71
4.10-35 Alternative E Massing: Corner of Wilfred Avenue and Stony Point Road Looking Southeast (RP04).....	4.10-72
4.10-36 Alternative E Massing: Stony Point Road and Rohnert Park Expressway Looking Northeast (RP05).....	4.10-74
4.10-37 Alternative E Massing: Northwest View from Business Park Drive (RP06)	4.10-75
4.10-38 Alternative E Massing: (RP07)	4.10-76
4.10-39 Alternative E Massing: (RP08)	4.10-77
4.10-40 Alternative E Massing: (RP09)	4.10-78
4.10-41 Alternative E Massing: (RP10)	4.10-79

4.10-42 Alternative F Massing: Southward View from Lakeville Highway (LV01).....	4.10-85
4.10-43 Alternative F Massing: Northward View from Lakeville Highway (LV02).....	4.10-86
4.10-44 Alternative F Massing: Northward View from Hwy 37 at Lakeville Highway (LV03)	4.10-87
4.10-45 Alternative F Massing: Northward View from Hwy 37 at Petaluma River (LV04)	4.10-88
4.10-46 Alternative H Massing: Southwest View of Wilfred Site (RP01).....	4.12-96
4.10-47 Alternative H Massing: Bellevue-Wilfred Channel Looking Southeast (RP03).....	4.12-97
4.10-48 Alternative H Massing: Corner of Wilfred Avenue and Stony Point Road Looking Southeast (RP04).....	4.12-98
4.10-49 Alternative H Massing: Stony Point Road and Rohnert Park Expressway Looking Northeast (RP05).....	4.12-99
4.10-50 Alternative H Massing: Northwest View from Business Park Drive (RP06)	4.12-101
4.10-51 Alternative H Massing: (RP07).....	4.10-102
4.10-52 Alternative H Massing: (RP08).....	4.10-103
4.10-53 Alternative H Massing: (RP09).....	4.10-104
4.10-54 Alternative H Massing: (RP10).....	4.10-105
4.12-1 Planned Regional Cumulative Development – Rohnert Park Area.....	4.12-5
4.12-2 Planned Regional Cumulative Development – Cities of Petaluma, Novato, and Sonoma	4.12-6
4.12-3 Planned Development Surrounding the Wilfred and Stony Point Sites	4.12-7
4.12-4 2020 Lane Geometry and Traffic Control – Wilfred and Stony Point Site Vicinity	4.12-37
4.12-5 2020 No Project PM Traffic Volumes – Wilfred and Stony Point Site Vicinity	4.12-38
4.12-6 2020 Cumulative Plus Project PM Traffic Volumes – Alternative A	4.12-45
4.12-7 2020 Cumulative Plus Project PM Traffic Volumes – Alternative B	4.12-60
4.12-8 2020 Cumulative Plus Project PM Traffic Volumes – Alternative C	4.12-68
4.12-9 2020 Cumulative Plus Project PM Traffic Volumes – Alternative D	4.12-76
4.12-10 2020 Cumulative Plus Project PM Traffic Volumes – Alternative E	4.12-84
4.12-11 2020 Lane Geometry and Traffic Control - Lakeville Site Vicinity	4.12-91
4.12-12 2020 No Project Cumulative PM Traffic Volumes – Lakeville Site Vicinity	4.12-92
4.12-13 2020 Cumulative Plus Project PM Traffic Volumes – Alternative F.....	4.12-96
4.12-14 2020 Cumulative Plus Project PM traffic volumes for Alternative H	4.12-116
5.2.7-1 Location of Traffic Mitigation Intersections – Alternatives A - E, and H	5-43
5.2.7-2 Close-up View of Intersections 1-6 – Alternatives A - E, and H.....	5-44
5.2.7-3 Close-up View of Intersections 7-12 – Alternatives A - E, and H.....	5-45
5.2.7-4 Close-up View of Intersections 13-18 – Alternatives A - E, and H	5-46
5.2.7-5 Close-up View of Intersections 19-24 – Alternatives A - E, and H	5-47
5.2.7-6 Close-up View of Intersections 25-30 – Alternatives A - E, and H	5-48
5.2.7-7 Close-up View of Intersections 31 – Alternatives A - E, and H	5-49
5.2.7-8 Location of Traffic Mitigation Intersections – Alternative F.....	5-51
5.2.7-9 Close-up View of Intersections 1-6 – Alternative F.....	5-52
5.2.7-10 Close-up View of Intersections 7-12 – Alternative F	5-53
5.2.7-11 Close-up View of Intersections 13 – Alternative F.....	5-54

APPENDICES

VOLUME I

Appendix A Public Notices

Appendix B	Scoping Reports
Appendix C	Site Grading and Storm Drainage
Appendix D	Water and Wastewater Feasibility Study and Culvert Flow Capacity Estimate
Appendix E	Memoranda of Understanding (MOU)
Appendix F	Geotechnical Studies
Appendix G	Groundwater Studies
Appendix H	City of Rohnert Park Final Water Supply Assessment and Additional Technical Memorandum of January 2005

VOLUME II

Appendix I	USFWS Letter and List, CNDBB and CNPS Lists
Appendix J	Biological Assessment (Wilfred and Stony Point Sites)
Appendix K	Biological Assessment (Lakeville Site)
Appendix L	Waters of the United States Delineation
Appendix M	Cultural Resources Reports (Bound Under Separate Cover) and Native American Consultation
Appendix N	Socioeconomic Report

VOLUME III

Appendix O	Traffic Impact Studies
------------	------------------------

VOLUME IV

Appendix P	NRCS Consultation
Appendix Q	Project Land Use Zoning Combining Districts
Appendix R	Environmental Noise Analysis
Appendix S	Phase I and Phase II Environmental Site Assessments
Appendix T	Phase I and II, and Records Research Report – Former Naval Air Station and Vicinity
Appendix U	Lakeville Site EDR
Appendix V	Effluent Study
Appendix W	Air Quality Modeling Results and Final Conformity Determination
Appendix X	Northwest Specific Plan
Appendix Y	Supplemental Water Quality Impact Evaluation

VOLUME V

Appendix Z	Index of Draft EIS Comments
Appendix AA	Comment Letters from Governmental Organizations
Appendix BB	Comment Letters from Businesses and Non-Governmental Organizations
Appendix CC	Comment Letters from Individuals
Appendix DD	Draft EIS Hearing Transcript – April 4, 2007
Appendix EE	Draft EIS Hearing Transcript – April 5, 2007

Appendix FF Responses to Comments

VOLUME VI

- Appendix GG Graton Rancheria Restoration Act
- Appendix HH Traffic Mitigation/Indirect Impacts to Waters of the U.S. Maps and Photographs
- Appendix II City of Rohnert Park Resolution 2007-120
- Appendix JJ Formal Consultation with U.S. Fish and Wildlife Service
- Appendix KK CARB and CAT Early Action Measures and Strategies Reports
- Appendix LL NIGC and SHPO Correspondence
- Appendix MM Preferred Alternative