



**Program Environmental Document and Service Development Plan**

# Tier 1/Program Environmental Impact Statement/Environmental Impact Report

Coachella Valley-San Gorgonio Pass Rail Corridor  
Service Program

May 2021



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# Coachella Valley-San Gorgonio Pass Rail Corridor Service Program

## Draft Tier 1/Program Environmental Impact Statement/Environmental Impact Report

Pursuant to:

National Environmental Policy Act (42 USC 4321 et seq); Federal Railroad Administration Procedures for Considering Environmental Impacts (64 FR 28545, May 26, 1999); Council on Environmental Quality's Regulations Implementing NEPA (40 CFR Parts 1500-1508); National Historic Preservation Act (54 USC 300101 et seq.); Clean Air Act as amended (42 USC 7401 et seq. and 40 CFR Parts 51 and 93); the Endangered Species Act of 1973 (16 USC 1531-1544); and the Clean Water Act (33 USC 1251-1387); California Environmental Quality Act (PRC 21000 et seq); and State of California CEQA Guidelines

Prepared by the:

### Federal Railroad Administration

### California Department of Transportation Division of Rail and Mass Transportation

and the

### Riverside County Transportation Commission



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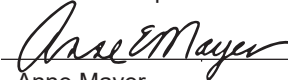
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**Abstract:** This document considers, describes, and summarizes the environmental impacts associated with the development of a passenger rail system to provide an alternative travel mode that would reduce travel times and improve service reliability between Los Angeles and the Coachella Valley by providing intercity and commuter rail service. The Draft Tier 1/Program EIS/EIR evaluates the potential effects of a passenger rail system within the Program Corridor on land use and planning, transportation, visual quality and aesthetics, air quality and greenhouse gases, noise and vibration, jurisdictional waters and wetland resources, biological resources, floodplains and water quality, geological and paleontological resources, hazards and hazardous materials, public utilities and energy, cultural resources, parklands and community services, safety and security, socioeconomic conditions, environmental justice, and Section 4(f)/Section 6(f) resources.

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## Table of Contents

<b>ES.1</b>	<b>Executive Summary .....</b>	<b>ES-1</b>
ES.1.1	Purpose and Need .....	ES-2
ES.1.2	Program History and Prior Planning Activities .....	ES-3
ES.1.3	Program Overview.....	ES-3
ES.1.4	Alternatives Considered .....	ES-4
ES.1.4.1	No Build Alternative.....	ES-11
ES.1.4.2	Build Alternative Option 1 (Coachella Terminus).....	ES-11
ES.1.4.3	Build Alternative Option 2 (Indio Terminus) .....	ES-14
ES.1.4.4	Build Alternative Option 3 (Indio Terminus with Limited Third Track).....	ES-15
ES.1.4.5	Recommended Preferred Alternative.....	ES-16
ES.1.5	Summary of Effects .....	ES-16
ES.1.6	Avoidance, Minimization, and Mitigation Strategies.....	ES-27
ES.1.7	Public Review of Tier 1/Program Draft EIS/EIR.....	ES-27
ES.1.7.1	Document Availability.....	ES-27
ES.1.7.2	Providing Comments on the Tier 1/Program Draft EIS/EIR.....	ES-29
ES.1.7.3	Public Hearings .....	ES-29
<b>1</b>	<b>Program Purpose and Need.....</b>	<b>1-1</b>
1.1	Introduction and Lead Agencies.....	1-1
1.1.1	Cooperating and Participating Agencies.....	1-2
1.2	Intended Uses of the Tier 1/Program EIS/EIR .....	1-2
1.3	Organization of the Tier 1/Program EIS/EIR .....	1-2
1.4	Program Background, Location, and Overview.....	1-3
1.4.1	Program Background .....	1-3
1.4.2	Program Location and Alternatives Analysis Study Area.....	1-4
1.4.3	Program Overview.....	1-7
1.5	Program Purpose and Objectives .....	1-7
1.6	Program Need .....	1-8
1.6.1	Limited and Constrained Travel Options.....	1-9
1.6.2	Regional Population and Employment Growth .....	1-27
1.6.3	Disadvantaged Communities .....	1-29
<b>2</b>	<b>Program Alternatives.....</b>	<b>2-1</b>
2.1	Alternatives Selection Process.....	2-1
2.1.1	2016 Alternatives Analysis Report Screening and Selection Process.....	2-1
2.1.2	Scoping Comments Received Regarding Alternatives .....	2-14
2.2	CEQA Proposed Program .....	2-14
2.3	Alternatives Definition.....	2-14
2.3.1	No Build Alternative.....	2-15
2.3.2	Build Alternative Options 1, 2, and 3.....	2-26
<b>3</b>	<b>Environmental Analysis, Consequences, and Mitigation .....</b>	<b>3-1</b>
3.1	Introduction to Environmental Analysis .....	3.1-1
3.1.1	Environmental Topics Included in the Analysis.....	3.1-1
3.1.2	Environmental Topics Not Included in the Evaluation.....	3.1-2
3.1.3	Format and Content Used in the Evaluation .....	3.1-2
3.2	Land Use and Planning .....	3.2-1
3.2.1	Introduction.....	3.2-1

3.2.2	Regulatory Framework .....	3.2-1
3.2.3	Methods for Evaluating Environmental Effects .....	3.2-4
3.2.4	Affected Environment .....	3.2-6
3.2.5	Environmental Consequences .....	3.2-25
3.2.6	NEPA Summary of Potential Effects .....	3.2-31
3.2.7	CEQA Summary of Potential Impacts .....	3.2-35
3.2.8	Avoidance, Minimization, and Mitigation Strategies.....	3.2-47
3.3	Transportation .....	3.3-1
3.3.1	Introduction.....	3.3-1
3.3.2	Regulatory Framework .....	3.3-1
3.3.3	Methods for Evaluating Environmental Effects .....	3.3-3
3.3.4	Affected Environment.....	3.3-9
3.3.5	Environmental Consequences .....	3.3-25
3.3.6	NEPA Summary of Potential Effects .....	3.3-50
3.3.7	CEQA Summary of Potential Impacts.....	3.3-57
3.3.8	Avoidance, Minimization, and Mitigation Strategies.....	3.3-65
3.4	Visual and Aesthetic Resources.....	3.4-1
3.4.1	Introduction.....	3.4-1
3.4.2	Regulatory Framework.....	3.4-1
3.4.3	Methods for Evaluating Environmental Effects .....	3.4-2
3.4.4	Affected Environment.....	3.4-5
3.4.5	Environmental Consequences .....	3.4-20
3.4.6	NEPA Summary of Potential Effects .....	3.4-24
3.4.7	CEQA Summary of Potential Impacts.....	3.4-27
3.4.8	Avoidance, Minimization, and Mitigation Strategies.....	3.4-35
3.5	Air Quality and Greenhouse Gases.....	3.5-1
3.5.1	Introduction.....	3.5-1
3.5.2	Regulatory Framework.....	3.5-1
3.5.3	Methods for Evaluating Environmental Effects .....	3.5-6
3.5.4	Affected Environment.....	3.5-9
3.5.5	Environmental Consequences .....	3.5-16
3.5.6	NEPA Summary of Potential Effects .....	3.5-29
3.5.7	CEQA Summary of Potential Impacts.....	3.5-31
3.5.8	Avoidance, Minimization, and Mitigation Strategies.....	3.5-43
3.6	Noise and Vibration .....	3.6-1
3.6.1	Introduction.....	3.6-1
3.6.2	Regulatory Framework.....	3.6-1
3.6.3	Methods for Evaluating Environmental Effects .....	3.6-5
3.6.4	Affected Environment.....	3.6-14
3.6.5	Environmental Consequences .....	3.6-24
3.6.6	NEPA Summary of Potential Effects .....	3.6-32
3.6.7	CEQA Summary of Potential Impacts.....	3.6-34
3.6.8	Avoidance, Minimization, and Mitigation Strategies.....	3.6-41
3.7	Jurisdictional Waters and Wetland Resources.....	3.7-1
3.7.1	Introduction.....	3.7-1
3.7.2	Regulatory Framework.....	3.7-1
3.7.3	Methods for Evaluating Environmental Effects .....	3.7-4
3.7.4	Affected Environment.....	3.7-7
3.7.5	Environmental Consequences .....	3.7-23
3.7.6	NEPA Summary of Potential Effects .....	3.7-27
3.7.7	CEQA Summary of Potential Impacts.....	3.7-31
3.7.8	Avoidance, Minimization, and Mitigation Strategies.....	3.7-35
3.8	Biological Resources.....	3.8-1
3.8.1	Introduction.....	3.8-1

3.8.2	Regulatory Framework .....	3.8-1
3.8.3	Methods for Evaluating Environmental Effects .....	3.8-5
3.8.4	Affected Environment .....	3.8-8
3.8.5	Environmental Consequences .....	3.8-65
3.8.6	NEPA Summary of Potential Effects .....	3.8-77
3.8.7	CEQA Summary of Potential Impacts .....	3.8-81
3.8.8	Avoidance, Minimization, and Mitigation Strategies.....	3.8-91
3.9	Floodplains, Hydrology, and Water Quality .....	3.9-1
3.9.1	Introduction.....	3.9-1
3.9.2	Regulatory Framework .....	3.9-1
3.9.3	Methods for Evaluating Environmental Effects .....	3.9-6
3.9.4	Affected Environment.....	3.9-7
3.9.5	Environmental Consequences .....	3.9-33
3.9.6	NEPA Summary of Potential Effects .....	3.9-38
3.9.7	CEQA Summary of Potential Impacts.....	3.9-40
3.9.8	Avoidance, Minimization, and Mitigation Strategies.....	3.9-52
3.10	Geology, Soils, Seismicity, and Paleontological Resources .....	3.10-1
3.10.1	Introduction.....	3.10-1
3.10.2	Regulatory Framework.....	3.10-1
3.10.3	Methods for Evaluating Environmental Effects .....	3.10-5
3.10.4	Affected Environment.....	3.10-7
3.10.5	Environmental Consequences .....	3.10-54
3.10.6	NEPA Summary of Potential Effects .....	3.10-60
3.10.7	CEQA Summary of Potential Impacts.....	3.10-62
3.10.8	Avoidance, Minimization, and Mitigation Strategies.....	3.10-79
3.11	Hazards and Hazardous Materials .....	3.11-1
3.11.1	Introduction.....	3.11-1
3.11.2	Regulatory Framework.....	3.11-1
3.11.3	Methods for Evaluating Environmental Effects .....	3.11-6
3.11.4	Affected Environment.....	3.11-8
3.11.5	Environmental Consequences .....	3.11-44
3.11.6	NEPA Summary of Potential Effects .....	3.11-50
3.11.7	CEQA Summary of Potential Impacts.....	3.11-54
3.11.8	Avoidance, Minimization, and Mitigation Strategies.....	3.11-71
3.12	Public Utilities and Energy.....	3.12-1
3.12.1	Introduction.....	3.12-1
3.12.2	Regulatory Framework .....	3.12-1
3.12.3	Methods for Evaluating Environmental Effects .....	3.12-6
3.12.4	Affected Environment.....	3.12-8
3.12.5	Environmental Consequences .....	3.12-30
3.12.6	NEPA Summary of Potential Effects .....	3.12-39
3.12.7	CEQA Summary of Potential Impacts.....	3.12-41
3.12.8	Avoidance, Minimization, and Mitigation Strategies.....	3.12-53
3.13	Cultural Resources .....	3.13-1
3.13.1	Introduction.....	3.13-1
3.13.2	Regulatory Framework.....	3.13-1
3.13.3	Methods for Evaluating Environmental Effects .....	3.13-6
3.13.4	Affected Environment.....	3.13-10
3.13.5	Environmental Consequences .....	3.13-47
3.13.6	NEPA Summary of Potential Effects .....	3.13-52
3.13.7	CEQA Summary of Potential Impacts.....	3.13-56
3.13.8	Avoidance, Minimization, and Mitigation Strategies.....	3.13-63
3.14	Parklands and Community Services .....	3.14-1
3.14.1	Introduction.....	3.14-1

3.14.2	Regulatory Framework .....	3.14-1
3.14.3	Methods for Evaluating Environmental Effects .....	3.14-3
3.14.4	Affected Environment .....	3.14-4
3.14.5	Environmental Consequences .....	3.14-19
3.14.6	NEPA Summary of Potential Effects .....	3.14-21
3.14.7	CEQA Summary of Potential Impacts .....	3.14-25
3.14.8	Avoidance, Minimization, and Mitigation Strategies.....	3.14-31
3.15	Safety and Security .....	3.15-1
3.15.1	Introduction.....	3.15-1
3.15.2	Regulatory Framework .....	3.15-1
3.15.3	Methods for Evaluating Environmental Effects .....	3.15-5
3.15.4	Affected Environment.....	3.15-6
3.15.5	Environmental Consequences .....	3.15-15
3.15.6	NEPA Summary of Potential Effects .....	3.15-23
3.15.7	CEQA Summary of Potential Impacts.....	3.15-24
3.15.8	Avoidance, Minimization, and Mitigation Strategies.....	3.15-25
3.16	Socioeconomics and Communities Affected .....	3.16-1
3.16.1	Introduction.....	3.16-1
3.16.2	Regulatory Framework.....	3.16-1
3.16.3	Methods for Evaluating Environmental Effects .....	3.16-2
3.16.4	Affected Environment.....	3.16-5
3.16.5	Environmental Consequences .....	3.16-11
3.16.6	NEPA Summary of Potential Effects .....	3.16-17
3.16.7	CEQA Summary of Potential Impacts.....	3.16-18
3.16.8	Avoidance, Minimization, and Mitigation Strategies.....	3.16-23
3.17	Cumulative Effects.....	3.17-1
3.17.1	Introduction.....	3.17-1
3.17.2	Regulatory Framework.....	3.17-1
3.17.3	Methods for Evaluating Environmental Effects .....	3.17-2
3.17.4	Affected Environment.....	3.17-3
3.17.5	Environmental Consequences .....	3.17-3
<b>4</b>	<b>Environmental Justice .....</b>	<b>4-1</b>
4.1	Introduction .....	4-1
4.2	Regulatory Framework .....	4-1
4.3	Methods for Evaluating Environmental Effects.....	4-3
4.4	Affected Environment .....	4-5
4.5	Environmental Consequences.....	4-15
4.6	Outreach to Environmental Justice Communities .....	4-23
4.7	Avoidance, Minimization, and Mitigation Strategies.....	4-24
<b>5</b>	<b>Section 4(f) and 6(f) Discussion .....</b>	<b>5-1</b>
5.1	Introduction .....	5-1
5.2	Regulatory Framework .....	5-1
5.2.1	Federal .....	5-1
5.3	Methodology .....	5-3
5.3.1	Data Sources.....	5-3
5.4	Affected Environment .....	5-4
5.4.1	Section 4(f)/6(f) Properties .....	5-4
5.5	Potential Impacts on Section 4(f)/6(f) Resources.....	5-22
5.5.1	No Build Alternative.....	5-22
5.5.2	Build Alternative Options 1, 2, and 3.....	5-22



5.6	Avoidance, Minimization, and Mitigation Strategies .....	5-24
<b>6</b>	<b>Other Statutory Considerations.....</b>	<b>6-1</b>
6.1	Growth-Inducing Impacts.....	6-1
6.1.1	Western Section .....	6-2
6.1.2	Eastern Section .....	6-2
6.2	Irreversible and Irretrievable Commitment of Resources .....	6-3
6.3	Relationship between Short-Term Use of the Environment and the Maintenance and Enhancement of Long-Term Productivity .....	6-5
6.4	Significant and Unavoidable Environmental Effects.....	6-6
<b>7</b>	<b>Evaluation of Alternatives .....</b>	<b>7-1</b>
7.1	Preferred Alternative.....	7-13
7.2	Environmentally Superior Alternative .....	7-13
<b>8</b>	<b>Public and Agency Outreach .....</b>	<b>8-1</b>
8.1	Environmental Justice Outreach .....	8-1
8.1.1	Limited English Proficiency Outreach .....	8-2
8.1.2	Americans with Disabilities Act Compliance .....	8-3
8.2	Section 106 Consultation.....	8-3
8.2.1	National Historic Preservation Act, Section 106 .....	8-3
8.2.2	Tribal Consultation .....	8-5
8.2.3	Assembly Bill 52 Tribal Consultation.....	8-6
8.3	Outreach Prior to Scoping .....	8-8
8.4	Public and Agency Scoping.....	8-11
8.4.1	Notice of Intent, Notice of Preparation, and Public Information Materials .....	8-11
8.4.2	Agency and Public Outreach.....	8-12
8.4.3	Public Scoping Meetings .....	8-15
8.4.4	Agency and Public Scoping Comments .....	8-16
8.5	Tier 1/Program EIS/EIR.....	8-18
8.5.1	Outreach, Involvement, and Communications .....	8-18
8.5.2	Agency Meetings and Consultation.....	8-18
8.6	Publication and Review of the Tier 1/Program EIS/EIR .....	8-19
8.6.1	Notification and Circulation of the Tier 1/Program EIS/EIR .....	8-19
8.6.2	Providing Comments on the Tier 1/Program Draft EIS/EIR .....	8-21
8.6.3	Public Information Meetings and Hearings .....	8-21
<b>9</b>	<b>References .....</b>	<b>9-1</b>
<b>10</b>	<b>List of Preparers and Organizations and Persons Consulted.....</b>	<b>10-1</b>
10.1	EIS/EIR Preparers .....	10-1
10.1.1	Riverside County Transportation Commission.....	10-1
10.1.2	Federal Railroad Administration.....	10-1
10.1.3	California Department of Transportation Division of Rail and Mass Transportation .....	10-1
10.1.4	Best Best and Krieger .....	10-1
10.1.5	HDR.....	10-2
10.1.6	Subconsultants.....	10-2
10.2	Organizations and Persons Consulted .....	10-3
10.2.1	Aqua Caliente Band of Cahuilla Indians.....	10-3
10.2.2	Amtrak .....	10-3
10.2.3	Bureau of Land Management.....	10-4
10.2.4	California Department of Fish and Wildlife.....	10-4

10.2.5	California Department of Transportation, District 8 .....	10-4
10.2.6	California Office of Historic Preservation .....	10-4
10.2.7	City of Coachella .....	10-4
10.2.8	City of Desert Hot Springs.....	10-4
10.2.9	City of Palm Desert .....	10-4
10.2.10	City of Indio .....	10-4
10.2.11	Coachella Valley Association of Governments .....	10-5
10.2.12	Federal Transit Administration, Region IX .....	10-5
10.2.13	Gabrieleno Band of Mission Indians – Kizh Nation.....	10-5
10.2.14	La Posta Band of Mission Indians.....	10-5
10.2.15	Los Angeles County Metropolitan Transportation Authority (Metro).....	10-5
10.2.16	Morongo Band of Mission Indians.....	10-5
10.2.17	National Park Service.....	10-5
10.2.18	San Bernardino County Transportation Authority .....	10-5
10.2.19	San Manuel Band of Mission Indians.....	10-5
10.2.20	Soboba Band of Luiseno Indians .....	10-6
10.2.21	South Coast Air Quality Management District.....	10-6
10.2.22	Southern California Association of Governments .....	10-6
10.2.23	Southern California Regional Rail Authority (Metrolink).....	10-6
10.2.24	United States Fish and Wildlife Service .....	10-6
10.2.25	United States Environmental Protection Agency, Region IX .....	10-6

## Tables

Table ES-1. Summary of Resource Effects by Build Alternative Option .....	ES-17
Table 1-1. Existing Typical Driving Times for Selected Trips within Program Corridor .....	1-23
Table 1-2. Existing Travel Times Using Rail and Transit Connecting the Los Angeles Basin and Coachella Valley .....	1-25
Table 1-3. Major Events in Coachella Valley .....	1-29
Table 2-1. Route Alternatives Studied in the 2016 Alternatives Analysis Report .....	2-5
Table 2-2. Existing and Potential Station Areas Studied in the 2016 Alternatives Analysis Report .....	2-7
Table 2-3. Route Alternative Reasonability and Feasibility Summary .....	2-11
Table 2-4. Western Section Existing Year (2018) Daily Train Operations in the Program Corridor (Average One-Way Trips) .....	2-16
Table 2-5. Eastern Section Existing Year (2018) Daily Train Operations in the Program Corridor (Average One-Way Trips) .....	2-18
Table 2-6. Current Passenger Rail and Transit Services .....	2-20
Table 2-7. Programmed and Planned Capacity Improvement Projects Within the Western Section of the Program Corridor .....	2-21
Table 2-8. Western Section No Build Alternative Opening Year (2024) Daily Train Operations in the Program Corridor (Average One-Way Trips) .....	2-23
Table 2-9. Western Section No Build Alternative Future Year (2044) Daily Train Operations in the Program Corridor (Average One-Way Trips) .....	2-24
Table 2-10. Eastern Section No Build Alternative Opening Year (2024) Daily Train Operations in the Program Corridor (Average One-Way Trips) .....	2-25
Table 2-11. Eastern Section No Build Alternative Opening Year (2044) Daily Train Operations in the Program Corridor (Average One-Way Trips) .....	2-26
Table 2-12. Summary of Build Alternative Options .....	2-27
Table 3.2-1. Related Resource Inputs for Land Use Resources .....	3.2-6
Table 3.2-2. Western Section Existing and Planned Land Uses (Build Alternative Options 1, 2, and 3) .....	3.2-7
Table 3.2-3. Eastern Section Existing and Planned Land Uses (Build Alternative Option 1) .....	3.2-8
Table 3.2-4. Eastern Section Existing and Planned Land Uses (Build Alternative Options 2 and 3) .....	3.2-9
Table 3.2-5. Summary of Agricultural Resources (Build Alternative Option 1) .....	3.2-23
Table 3.2-6. Summary of Agricultural Resources (Build Alternative Options 2 and 3) .....	3.2-24
Table 3.2-7. NEPA Summary of Effects on Land Use .....	3.2-31
Table 3.2-8. NEPA Summary of Effects on Agricultural Resources .....	3.2-33
Table 3.2-9. CEQA Summary of Impacts for Land Use and Planning and Agriculture and Forestry Resources .....	3.2-37
Table 3.3-1. Transportation Impact Methodology Framework .....	3.3-5
Table 3.3-2. Related Resource Inputs for Transportation .....	3.3-8
Table 3.3-3. Summary of Transportation Networks and Services (Build Alternative Options 1, 2, and 3) .....	3.3-11
Table 3.3-4. Existing Year (2018) Daily Train Operations in the Coachella Valley Rail Corridor (Average One-Way Trips) .....	3.3-21
Table 3.3-5. Existing Station Access and Amenities within the Program Corridor .....	3.3-23
Table 3.3-6. Train Schedule and Estimate of Vehicle Traffic Generation for each Station for Future Year (2044) .....	3.3-33
Table 3.3-7. Potential Roadway Impacts by Stations for Future Year (2044) .....	3.3-35
Table 3.3-8. Auto Trip and Vehicle Miles Traveled Reduction by Horizon Year (Build Alternative Option 1) .....	3.3-36

Table 3.3-9. Auto Trip and Vehicle Miles Traveled Reduction by Horizon Year (Build Alternative Options 2 and 3).....	3.3-36
Table 3.3-10. Proposed Ridership Metrics by Horizon Year (Build Alternative Option 1) .....	3.3-41
Table 3.3-11. Proposed Ridership Metrics by Horizon Year (Build Alternative Options 2 and 3) .....	3.3-42
Table 3.3-12. Annual Boardings and Alightings at Proposed Station Options by Horizon Year (Build Alternative Option 1) .....	3.3-43
Table 3.3-13. Annual Boardings and Alightings at Proposed Station Options by Horizon Year (Build Alternative Options 2 and 3) .....	3.3-44
Table 3.3-14. Rail/Bus Travel Time by Horizon Year (Build Alternative Option 1) .....	3.3-46
Table 3.3-15. Rail/Bus Travel Time by Horizon Year (Build Alternative Options 2 and 3) .....	3.3-46
Table 3.3-16. Annual Number of Accidents Eliminated by Horizon Year (Build Alternative Option 1) .....	3.3-49
Table 3.3-17. Annual Number of Accidents Eliminated by Horizon Year (Build Alternative Options 2 and 3) .....	3.3-49
Table 3.3-18. NEPA Summary of Effects on Rail Operation .....	3.3-51
Table 3.3-19. NEPA Summary of Effects on Roadways/Vehicular Traffic .....	3.3-51
Table 3.3-20. NEPA Summary of Effects on Railroad/Roadway Crossings.....	3.3-52
Table 3.3-21. NEPA Summary of Effects on Traveler Safety .....	3.3-53
Table 3.3-22. NEPA Summary of Effects on Ridership Forecast and Travel Time .....	3.3-55
Table 3.3-23. CEQA Summary of Impacts for Transportation .....	3.3-59
Table 3.4-1. Related Resource Inputs for Visual and Aesthetic Resources .....	3.4-4
Table 3.4-2. Summary of Visual Resources (Build Alternative Option 1) .....	3.4-19
Table 3.4-3. Summary of Visual Resources (Build Alternative Options 2 and 3) .....	3.4-19
Table 3.4-4. NEPA Summary of Effects on Visual and Aesthetic Resources .....	3.4-25
Table 3.4-5. CEQA Summary of Impacts for Visual Quality and Aesthetics Resources .....	3.4-29
Table 3.5-1. General Conformity <i>De Minimis</i> Thresholds .....	3.5-7
Table 3.5-2. Related Resource Inputs for Air Quality and Greenhouse Gas Assessment.....	3.5-9
Table 3.5-3. Federal and State Attainment Status of the South Coast Air Basin and Salton Sea Air Basin .....	3.5-9
Table 3.5-4. California Greenhouse Gas Inventory .....	3.5-15
Table 3.5-5. Annual Vehicle Miles Traveled Estimates (No Build Alternative).....	3.5-17
Table 3.5-6. Locomotive Emission Estimates (Build Alternative Option 1).....	3.5-20
Table 3.5-7. Locomotive Emission Estimates (Build Alternative Options 2 and 3).....	3.5-20
Table 3.5-8. Annual Ridership and Annual Vehicle Miles Traveled by Horizon Year (Build Alternative Option 1) .....	3.5-21
Table 3.5-9. Annual Ridership and Annual Vehicle Miles Traveled by Horizon Year (Build Alternative Options 2 and 3) .....	3.5-21
Table 3.5-10. Regional Air Quality Criteria Pollutant Estimates by Horizon Year (Build Alternative Option 1) .....	3.5-22
Table 3.5-11. Regional Air Quality Criteria Pollutant Estimates by Horizon Year (Build Alternative Options 2 and 3).....	3.5-23
Table 3.5-12. Greenhouse Gas Emission Estimates (Build Alternative Option 1).....	3.5-27
Table 3.5-13. Greenhouse Gas Emission Estimates (Build Alternative Options 2 and 3).....	3.5-28
Table 3.5-14. NEPA Summary of Effects on Air Quality Emissions .....	3.5-30
Table 3.5-15. NEPA Summary of Effects on Regional Haze and Odors.....	3.5-30
Table 3.5-16. NEPA Summary of Effects on Greenhouse Gases .....	3.5-31
Table 3.5-17. CEQA Summary of Impacts on Air Quality and Greenhouse Gases .....	3.5-33
Table 3.6-1. Federal Transit Administration Construction Noise Impact Limit Guidelines .....	3.6-6

Table 3.6-2. Ground-borne Vibration Impact Criteria for General Assessment.....	3.6-11
Table 3.6-3. Related Resources Affected by Noise and Vibration .....	3.6-13
Table 3.6-4. Existing Year (2018) Daily Train Operations within Program Corridor (One-Way Trips) .....	3.6-17
Table 3.6-5. Ambient Noise Levels within Program Corridor from Existing Train Operations.....	3.6-21
Table 3.6-6. NEPA Summary of Noise Effects .....	3.6-32
Table 3.6-7. NEPA Summary of Vibration Effects .....	3.6-33
Table 3.6-8. CEQA Summary of Impacts for Noise and Vibration.....	3.6-35
Table 3.7-1. Related Resource Inputs for Jurisdictional Waters and Wetland Resources.....	3.7-6
Table 3.7-2. Summary of Waterbodies (Build Alternative Options 1, 2, and 3).....	3.7-8
Table 3.7-3. Summary of Wetland Types (Build Alternative Option 1).....	3.7-9
Table 3.7-4. Summary of Wetland Types (Build Alternative Options 2 and 3).....	3.7-23
Table 3.7-5. NEPA Summary of Effects on Jurisdictional Waters and Wetland Resources .....	3.7-29
Table 3.7-6. CEQA Summary of Impacts for Jurisdictional Waters and Wetland Resources .....	3.7-33
Table 3.8-1. Related Resource Inputs for Biological Resources .....	3.8-7
Table 3.8-2. Summary of Vegetation Communities (Build Alternative Option 1).....	3.8-23
Table 3.8-3. Summary of Vegetation Communities (Build Alternative Options 2 and 3).....	3.8-27
Table 3.8-4. Sensitive Natural Communities with Potential to Occur within the Tier 1/Program EIS/EIR Study Area.....	3.8-31
Table 3.8-5. Special-Status Plant with Potential to Occur within the Tier 1/Program EIS/EIR Study Area.....	3.8-35
Table 3.8-6. Special-Status Wildlife with Potential to Occur within the Tier 1/Program EIS/EIR Study Area .....	3.8-53
Table 3.8-7. Number of Special-Status Plant Species with Potential to Occur within the Eastern Section .....	3.8-68
Table 3.8-8. Number of Special-Status Wildlife Species with Potential to Occur within the Eastern Section .....	3.8-70
Table 3.8-9. NEPA Summary of Effects on Biological Resources.....	3.8-79
Table 3.8-10. CEQA Summary of Impacts for Biological Resources.....	3.8-83
Table 3.9-1. Related Resource Inputs for Floodplains, Hydrology, and Water Quality .....	3.9-7
Table 3.9-2. Summary of Floodplains (Build Alternative Options 1, 2, and 3).....	3.9-21
Table 3.9-3. Subbasins and Watersheds (Build Alternative Options 1, 2, and 3).....	3.9-22
Table 3.9-4. Water Resource Beneficial Use Definitions.....	3.9-26
Table 3.9-5. Beneficial Uses of Potentially Affected Surface Waters within the Program Corridor.....	3.9-29
Table 3.9-6. Named Surface Waters with Pollutant Impairments (Build Alternative Options 1, 2, and 3).....	3.9-31
Table 3.9-7. Groundwater Basins (Build Alternative Options 1, 2, and 3).....	3.9-32
Table 3.9-8. NEPA Summary of Effects on Flooding.....	3.9-39
Table 3.9-9. NEPA Summary of Effects on Water Quality.....	3.9-39
Table 3.9-10. CEQA Summary of Impacts for Hydrology and Water Quality .....	3.9-41
Table 3.10-1. Summary of Earthquake Faults and Zones (Build Alternative Options 1, 2, and 3).....	3.10-21
Table 3.10-2. Seismic and Geologic Hazards Definitions.....	3.10-22
Table 3.10-3. Paleontological Sensitivity Ratings.....	3.10-25
Table 3.10-4. Summary of Paleontological Sensitivity Zones (Build Alternative Option 1) .....	3.10-39
Table 3.10-5. Summary of Paleontological Sensitivity Zones (Build Alternative Options 2 and 3) ....	3.10-39
Table 3.10-6. Mineral Resource Zone Ratings .....	3.10-40
Table 3.10-7. Summary of Mineral Resource Zones (Build Alternative Option 1).....	3.10-53

Table 3.10-8. Summary of Mineral Resource Zones (Build Alternative Options 2 and 3).....	3.10-54
Table 3.10-9. NEPA Summary of Effects on Seismic and Geologic Hazards .....	3.10-60
Table 3.10-10. NEPA Summary of Effects on Paleontological Resources.....	3.10-61
Table 3.10-11. NEPA Summary of Effects on Mineral Resources .....	3.10-61
Table 3.10-12. CEQA Summary of Impacts for Geology, Soils, and Mineral Resources.....	3.10-63
Table 3.11-1. Summary of Regulatory Database Listings (Build Alternative Option 1).....	3.11-23
Table 3.11-2. Summary of Regulatory Database Listings (Build Alternative Options 2 and 3).....	3.11-24
Table 3.11-3. Summary of Fire Hazard Severity Zones (Build Alternative Options 1, 2, and 3) .....	3.11-41
Table 3.11-4. Summary of School Facilities (Build Alternative Option 1) .....	3.11-43
Table 3.11-5. Summary of School Facilities (Build Alternative Options 2 and 3) .....	3.11-44
Table 3.11-6. NEPA Summary of Effects on Hazardous Wastes and Material Sites.....	3.11-51
Table 3.11-7. NEPA Summary of Effects on Fire Hazard Zones.....	3.11-53
Table 3.11-8. NEPA Summary of Effects on Airport Areas .....	3.11-53
Table 3.11-9. CEQA Summary of Impacts for Hazards and Hazardous Materials and Wildfires.....	3.11-55
Table 3.12-1. Estimate of Build Alternative Ridership and Vehicle Miles Traveled Reductions per Day .....	3.12-7
Table 3.12-2. Related Resource Inputs for Public Utilities and Energy Assessment .....	3.12-8
Table 3.12-3. Summary of Known Utility Facilities (Build Alternative Option 1) .....	3.12-23
Table 3.12-4. Summary of Known Utility Facilities (Build Alternative Options 2 and 3) .....	3.12-24
Table 3.12-5. Summary of Landfill Facilities (Build Alternative Options 1, 2, and 3).....	3.12-25
Table 3.12-6. 2015 United States Passenger Travel Mode and Energy Use.....	3.12-29
Table 3.12-7. Net Operational Energy Effects (Build Alternative Option 1).....	3.12-37
Table 3.12-8. Net Operational Energy Effects (Build Alternative Options 2 and 3).....	3.12-37
Table 3.12-9. NEPA Summary of Effects on Public Utilities .....	3.12-39
Table 3.12-10. NEPA Summary of Effects on Solid Waste .....	3.12-40
Table 3.12-11. NEPA Summary of Effects on Energy .....	3.12-40
Table 3.12-12. CEQA Summary of Impacts for Utilities and Service Systems and Energy .....	3.12-43
Table 3.13-1. Related Resource Inputs to Cultural Resources Assessment.....	3.13-10
Table 3.13-2. Summary of Known Cultural Resources Within the Eastern Section of the Tier 1/Program EIS/EIR Cultural Study Area (Build Alternative Option 1).....	3.13-26
Table 3.13-3. Section 106 Consulting Party Consultation Summary.....	3.13-29
Table 3.13-4. Summary of Known Cultural Resources Within the Eastern Section of the Tier 1/Program EIS/EIR Cultural Study Area (Build Alternative Options 2 and 3).....	3.13-35
Table 3.13-5. Section 106 Native American Consultation Summary.....	3.13-39
Table 3.13-6. Assembly Bill 52 Native American Consultation Summary .....	3.13-45
Table 3.13-7. NEPA Summary of Effects on Historic Properties .....	3.13-53
Table 3.13-8. NEPA Summary of Effects on Human Remains.....	3.13-55
Table 3.13-9. NEPA Summary of Effects on Tribal Cultural Resources.....	3.13-55
Table 3.13-10. CEQA Summary of Impacts on Cultural Resources.....	3.13-57
Table 3.14-1. Related Resource Inputs for Parklands and Community Facilities .....	3.14-4
Table 3.14-2. Summary of Parklands and Community Facilities (Build Alternative Option 1).....	3.14-5
Table 3.14-3. Summary of Parklands and Community Facilities (Build Alternative Options 2 and 3) .....	3.14-6
Table 3.14-4. NEPA Summary of Effects on Parklands and Community Facilities .....	3.14-23
Table 3.14-5. CEQA Summary of Impacts for Parklands and Community Services .....	3.14-27
Table 3.15-1. Related Resource Inputs for Safety and Security Assessment.....	3.15-6

Table 3.15-2. Number of Train Accidents and Incidents by County, 2013–2017 .....	3.15-9
Table 3.15-3. Number of Train Highway-Rail Incidents by County, 2013–2017 (Build Alternative Options 1, 2, and 3).....	3.15-11
Table 3.15-4. Number of At-Grade Incidents by City for All Railroads, 2013–2017 (Build Alternative Options 1, 2, and 3) .....	3.15-12
Table 3.15-5. NEPA Summary of Effects on Safety and Security .....	3.15-24
Table 3.16-1. Related Resource Inputs to Socioeconomic Assessment.....	3.16-4
Table 3.16-2. NEPA Summary of Socioeconomic Effects .....	3.16-18
Table 3.16-3. CEQA Summary of Impacts for Population and Housing.....	3.16-19
Table 3.17-1. Cumulative Projects .....	3.17-5
Table 4-1. Related Resource Inputs for Environmental Justice Assessment.....	4-5
Table 4-2. Minority Population and Population below Poverty by County .....	4-6
Table 5-1. Related Resource Inputs for Section 4(f)/6(f) Resource Assessment.....	5-4
Table 5-2. Section 4(f) Criteria.....	5-4
Table 5-3. Potential Section 4(f) and Section 6(f) Properties within the Program Corridor .....	5-5
Table 5-4. Section 4(f)/6(f) Properties by Type (Build Alternative Option 1) .....	5-8
Table 5-5. Section 4(f)/6(f) Properties by Type (Build Alternative Options 2 and 3).....	5-21
Table 5-6. Use of Section 4(f) Resource Summary .....	5-22
Table 7-1. Summary of Resource Effects by the No Build Alternative and Build Alternative Options.....	7-3
Table 8-1. Summary of Pre-NEPA/CEQA Public Outreach.....	8-9
Table 8-2. Agency Points of Contact .....	8-12
Table 8-3. Public Scoping Meetings .....	8-15
Table 8-4. Total Number of Public Scoping Comment Submissions .....	8-16

## Figures

Figure ES-1. Western Section of the Program Corridor (Build Alternative Options 1, 2, and 3) .....	ES-5
Figure ES-2. Eastern Section of the Program Corridor (Build Alternative Option 1) .....	ES-7
Figure ES-3. Eastern Section of the Program Corridor (Build Alternative Options 2 and 3) .....	ES-9
Figure 1-1. Alternatives Analysis Study Area (Western and Eastern Sections) .....	1-5
Figure 1-2. Existing Intercity Rail and Regional Bus Services Connecting the Los Angeles Basin and Coachella Valley .....	1-11
Figure 1-3. Existing Intercity Bus Service Connecting the Los Angeles Basin and Coachella Valley.....	1-13
Figure 1-4. Existing Key Program Corridor Highways Connecting the Los Angeles Basin and Coachella Valley .....	1-17
Figure 1-5. Existing Areas of Recurring Weekday Road Congestion within Program Corridor.....	1-21
Figure 1-6. Interstate 10 Corridor San Gorgonio Pass Detour Alternatives .....	1-27
Figure 2-1. Alternatives Analysis Process .....	2-2
Figure 2-2. Program Corridor Route Alternatives Considered in the Alternatives Analysis .....	2-3
Figure 2-3. Alternatives Selection Process Flow Chart .....	2-9
Figure 2-4. Western Section of the Program Corridor (Build Alternative Options 1, 2, and 3).....	2-29
Figure 2-5. Eastern Section of the Program Corridor (Build Alternative Option 1).....	2-31
Figure 2-6. Eastern Section of the Program Corridor (Build Alternative Options 2 and 3).....	2-33
Figure 3.2-1. Farmland Mapping and Monitoring Program Classifications within the Tier 1/Program EIS/EIR.....	3.2-11
Figure 3.3-1. Existing Key Corridor Highways within the Program Corridor.....	3.3-13
Figure 3.3-2. Existing Intercity Rail and Regional Bus Service within the Program Corridor .....	3.3-15
Figure 3.3-3. Host Railroads and Additional Operators within the Program Corridor.....	3.3-19
Figure 3.4-1. Visual Resources within the Tier 1/Program EIS/EIR Study Area .....	3.4-7
Figure 3.5-1. Air Basins Traversed by the Program Corridor .....	3.5-13
Figure 3.6-1. Federal Transit Administration Noise Impact Criteria.....	3.6-8
Figure 3.6-2. Increase in Cumulative Noise Levels Allowed by Criteria .....	3.6-9
Figure 3.7-1. National Wetland Inventory-Mapped Wetlands within the Tier 1/Program EIS/EIR Study Area .....	3.7-11
Figure 3.8-1. Vegetation Communities within the Tier 1/Program EIS/EIR Study Area .....	3.8-9
Figure 3.8-2. Critical Habitat within the Tier 1/Program EIS/EIR Study Area.....	3.8-39
Figure 3.9-1. Federal Emergency Management Agency Flood Areas within the Tier 1/Program EIS/EIR Study Area.....	3.9-9
Figure 3.9-2. Subbasins and Watersheds within the Tier 1/Program EIS/EIR Study Area .....	3.9-23
Figure 3.10-1. Potential Seismic and Geologic Hazard Zones within the Tier 1/Program EIS/EIR Study Area .....	3.10-9
Figure 3.10-2. Paleontological Sensitivity within the Tier 1/Program EIS/EIR Study Area.....	3.10-27
Figure 3.10-3. Mineral Resource Zones within the Tier 1/Program EIS/EIR Study Area .....	3.10-41
Figure 3.11-1. Hazardous Waste and Materials Sites within the Tier 1/Program EIS/EIR Study Area.....	3.11-11
Figure 3.11-2. Fire Hazard and Airport Zones within the Tier 1/Program EIS/EIR Study Area.....	3.11-29
Figure 3.12-1. Known Utilities within the Tier 1/Program EIS/EIR Study Area.....	3.12-11
Figure 3.13-1. Known Historical Resource Sites within the Tier 1/Program EIS/EIR Cultural Study Area.....	3.13-13
Figure 3.14-1. Parklands and Community Facilities within the Tier 1/Program EIS/EIR Study Area ...	3.14-7



Figure 4-1. Percentage of Minority Population within Tier 1/Program EIS/EIR Study Area Census Block Groups..... 4-7

Figure 4-2. Environmental Justice Population within the Tier 1/Program EIS/EIR Study Area per Minority Threshold..... 4-9

Figure 4-3. Percentage of Low-Income Population within the Tier 1/Program EIS/EIR Study Area Census Block Groups ..... 4-11

Figure 4-4. Environmental Justice Populations within the Tier 1/Program EIS/EIR Study Area per Income Threshold ..... 4-13

Figure 5-1. Section 4(f)/6(f) Resources within the Tier 1/Program EIS/EIR Study Area ..... 5-9

## Appendices

Appendix A. Notice of Intent/Notice of Preparation

Appendix B. Land Use and Planning Technical Memorandum

Appendix C. Transportation Impact Technical Memorandum

Appendix D. Visual and Aesthetics Technical Memorandum

Appendix E. Air Quality and Greenhouse Gas Technical Memorandum

Appendix F. Noise and Vibration Technical Memorandum

Appendix G. Biological and Wetland Resources Technical Memorandum

Appendix H. Cultural, Historic, and Tribal Resources Technical Memorandum

Appendix I. Socioeconomics Technical Memorandum

## Abbreviations/Acronyms

AA	alternatives analysis
AB	Assembly Bill
ACS	American Community Survey
AGR	agriculture supply
ALUC	Airport Land Use Commission
ALUCP	Airport Land Use Compatibility Plan
AP	Alquist-Priolo
ARB	Air Resources Board
ASTM	ASTM International
BLM	Bureau of Land Management
BMP	best management practice
BTU	British thermal unit
CAAQS	California Ambient Air Quality Standards
CalEPA	California Environmental Protection Agency
Caltrans	California Department of Transportation
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CEC	California Energy Commission
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CGS	California Geological Survey
CO	carbon monoxide
COLD	cold freshwater habitats
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CRPR	California Rare Plant Rank
CWA	Clean Water Act
dB	decibel

dB(A)	A weighted decibel
EIA	Energy Information Administration
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EJ	environmental justice
EO	Executive Order
EPA	Environmental Protection Agency
FCAA	Federal Clean Air Act
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FHWA	Federal Highway Administration
FPS	Fully Protected Species
FR	Federal Register
FRA	Federal Railroad Administration
FRSH	freshwater replenishment
FTA	Federal Transit Administration
GHG	greenhouse gas
GIS	geographic information system
GPSCVB	Greater Palm Springs Convention and Visitors Bureau
GWR	groundwater recharge
HCP	Housing and Urban Development Consolidated Plan
I	Interstate
IND	industrial service supply
LAUS	Los Angeles Union Station
L <sub>dn</sub>	day-night average noise level
L <sub>eq</sub>	equivalent sound level
LOSSAN	Los Angeles-San Diego-San Luis Obispo
LRA	local responsibility area
LUST	leaking underground storage tank
LWCF	Land and Water Conservation Fund
Metro	Los Angeles County Metropolitan Transportation Authority
MMBTU	million British thermal unit
MPO	metropolitan planning organization

MRZ	Mineral Resource Zone
MS4	Municipal Separate Storm Sewer System
MSHCP	Multiple Species Habitat Conservation Plan
MUN	municipal and domestic water supply
MUTCD	Manual on Uniform Traffic Control Devices
NAAQS	National Ambient Air Quality Standards
NAC	noise abatement criteria
NCCP	Natural Communities Conservation Planning
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NO <sub>2</sub>	nitrogen dioxide
NOA	Notice of Availability
NOC	Notice of Completion
NOI	Notice of Intent
NOP	Notice of Preparation
NO <sub>x</sub>	nitrogen oxide
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NRHP	National Register of Historic Places
NWI	National Wetland Inventory
O <sub>3</sub>	ozone
OHP	Office of Historic Preservation
Pb	lead
PeMS	Performance Measurement System
PM <sub>10</sub>	particulate matter 10 microns or less
PM <sub>2.5</sub>	particulate matter 2.5 microns or less
POW	hydropower generation
PPV	peak particle velocity
PRC	Public Resource Code
PROC	industrial process supply
Program	Coachella Valley-San Gorgonio Pass Rail Corridor Service Program
Program Corridor	Coachella Valley-San Gorgonio Pass Rail Corridor
PTC	positive train control

RARE	rare, threatened, or endangered species
RCRA	Resource Conservation and Recovery Act of 1976
RCTC	Riverside County Transportation Commission
REC1	water contact recreation
REC2	noncontact water recreation
ROW	right-of-way
RSIA	Rail Safety Improvement Act of 2008
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SBCTA	San Bernardino County Transportation Authority
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCRRA	Southern California Regional Rail Authority
SCS	Sustainable Communities Strategy
SDP	Service Development Plan
SHPO	State Historic Preservation Officer
SO <sub>2</sub>	sulfur dioxide
SO <sub>x</sub>	sulfur oxide
SR	State Route
SRA	State Responsibility Area
SSAB	Salton Sea Air Basin
SSC	Species of Special Concern
STRACNET	Strategic Rail Corridor Network
SWRCB	State Water Resources Control Board
TCR	tribal cultural resource
THPO	Tribal Heritage Preservation Officer
TMDL	total maximum daily load
TSCA	Toxic Substance Control Act
U.S.	United States
UBC	Uniform Building Code
Uniform Act	Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970

UP	Union Pacific Railroad
USACE	United States Army Corps of Engineers
USC	United States Code
USDOT	United States Department of Transportation
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank
VdB	velocity in decibels
VMT	vehicle miles traveled
VOC	volatile organic compound
WARM	warm freshwater habitat
WET	wetland habitat
WILD	wildlife habitat

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