

TABLE OF CONTENTS

LIST OF ACRONYMS

S.0	EXECUTIVE SUMMARY	S-1
S.1	INTRODUCTION.....	S-1
S.2	OVERVIEW.....	S-4
S.2.1	Project History and Context.....	S-4
	Alternatives Evaluated in the AA/DEIS	S-5
S.2.2	Proposed Revisions to the AA/DEIS LPA.....	S-6
S.2.3	Project Purpose and Role of the SDEIS.....	S-7
S.2.4	Public involvement	S-17
S.2.5	Agency Coordination.....	S-19
S.3	NEXT STEPS AND ACTIONS	S-20
	Figure S-1 Project Description	S-2
	Figure S-2 Key Project Elements	S-10
	Table S-1 Physical and Operating Characteristics of Proposed Changes to the AA/DEIS LPA.....	S-13
	Table S-2 Comparative Evaluation of the AA/DEIS LPA and Proposed Changes to AA/DEIS LPA.	S-14
	Table S-3 Project Milestones	S-19
1.0	PURPOSE AND NEED FOR THE PROPOSED ACTION.....	1-1
1.1	PROJECT HISTORY AND OVERVIEW.....	1-1
1.2	BASIS FOR THE SDEIS	1-2
1.3	PURPOSE AND NEED	1-4
1.3.1	Corridor Description	1-4
1.3.2	Roadway System	1-15
1.3.3	Transit	1-19
1.3.4	Parking	1-22
1.4	PLANNING CONTEXT.....	1-22
1.4.1	Environmental Review and Project Development Process	1-25
1.4.2	Public Involvement and Agency Coordination.....	1-28
	Figure 1-1 Study Area	1-6
	Figure 1-2 Community Planning Segments.....	1-7
	Figure 1-3 Population Density by Transportation Analysis Zone Year 2000	1-10
	Figure 1-4 Population Density by Transportation Analysis Zone Year 2010	1-12
	Figure 1-5 Population Density by Transportation Analysis Zone Year 2030	1-13
	Figure 1-6 Employment Density by Transportation Analysis Zone Year 2000	1-16
	Figure 1-7 Employment Density by Transportation Analysis Zone Year 2010	1-17
	Figure 1-8 Employment Density by Transportation Analysis Zone Year 2030	1-18
	Figure 1-9 Historic and Projected Traffic on University Avenue, I-94, and Washington Avenue	1-20
	Figure 1-10 Existing Bus Routes.....	1-21
	Figure 1-11 Planned Transitways.....	1-24

Table 1-1 Year 2000 Central Corridor Demographic Characteristics.....	1-8
Table 1-2 Central Corridor Population by Segment.....	1-9
Table 1-3 Central Corridor Households by Segment.....	1-11
Table 1-4 Central Corridor Employment by Segment.....	1-15
Table 1-5 Project Milestones	1-26
2.0 ALTERNATIVES CONSIDERED	2-1
2.1 AA/DEIS ALTERNATIVES AND RECOMMENDATIONS	2-1
2.1.1 Alternatives Analysis	2-1
2.1.2 Alternatives Evaluated in the AA/DEIS.....	2-2
2.2 DESCRIPTION OF THE AA/DEIS LOCALLY PREFERRED ALTERNATIVE AND PROPOSED REVISIONS	2-3
2.2.1 AA/DEIS LPA	2-3
2.2.2 Proposed Revisions to the AA/DEIS LPA.....	2-7
2.2.3 Central Corridor Management Committee and Metropolitan Council Decision	2-23
2.3 DESIGN ALTERNATIVES EVALUATED IN THE SDEIS	2-25
2.3.1 No-Build Alternative.....	2-25
2.3.2 AA/DEIS Baseline Alternative.....	2-25
2.3.3 SDEIS Baseline Alternative.....	2-25
2.3.4 Design Alternatives Evaluated in the SDEIS	2-26
2.3.5 Operating Plan Assumptions	2-36
2.3.6 Comparative Evaluation of AA/DEIS LPA and Proposed Changes	2-36
Figure 2-1 AA/DEIS Locally Preferred Alternative	2-4
Figure 2-2 Central Corridor LRT – Development of Design Options.....	2-11
Figure 2-3 Central Corridor LRT Project Description	2-27
Figure 2-4 Hiawatha LRT and Central Corridor LRT Alternative Connection.....	2-31
Figure 2-5 University of Minnesota Alternatives.....	2-32
Figure 2-6 Future Infill Stations at Hamline, Victoria, or Western	2-33
Figure 2-7 Capitol Area Alignment and Stations.....	2-34
Figure 2-8 Downtown St. Paul Alternatives, and Storage and Maintenance Facility.....	2-35
Table 2-1 Physical and Operating Characteristics of Proposed Changes to the AA/DEIS LPA.....	2-24
Table 2-2 SDEIS Project Description Summary.....	2-29
Table 2-3 AA/DEIS Alternative Service Plan Headways (Peak/Off-Peak Headways).....	2-36
Table 2-4 Comparative Evaluation of the AA/DEIS LPA and Proposed Changes to AA/DEIS LPA..	2-37
3.0 SOCIAL EFFECTS	3-1
3.1 LAND USE AND SOCIOECONOMICS.....	3-2
3.1.1 Methodology	3-7
3.1.2 Existing Conditions and Future Projections	3-7
3.1.3 Socioeconomics	3-22
3.1.4 Long-Term Effects	3-26
3.1.5 Short-Term Construction Effects	3-32
3.1.6 Mitigation	3-32

3.2 NEIGHBORHOODS, COMMUNITY SERVICES, AND COMMUNITY COHESION	3-33
3.2.1 Methodology.....	3-34
3.2.2 Existing Conditions.....	3-34
3.2.3 Long-Term Effects.....	3-54
3.2.4 Short-Term Construction Effects	3-57
3.2.5 Mitigation.....	3-57
3.3 ACQUISITIONS AND DISPLACEMENTS/RELOCATIONS	3-58
3.3.1 Legal and Regulatory Overview	3-61
3.3.2 Methodology.....	3-61
3.3.3 Existing Conditions.....	3-61
3.3.4 Long-Term Effects.....	3-61
3.3.5 Short-Term Construction Effects	3-64
3.3.6 Mitigation.....	3-64
3.4 CULTURAL RESOURCES	3-65
3.4.1 Legal and Regulatory Context.....	3-68
3.4.2 Methodology.....	3-68
3.4.3 Existing Conditions.....	3-71
3.4.4 Long-Term Effects.....	3-83
3.4.5 Short-Term Construction Effects	3-102
3.4.6 Mitigation.....	3-104
3.5 PARKLANDS AND RECREATION AREAS	3-105
3.5.1 Legal and Regulatory Requirements.....	3-107
3.5.2 Methodology.....	3-107
3.5.3 Existing Conditions.....	3-107
3.5.4 Long-Term Effects.....	3-111
3.5.5 Short-Term Construction Effects	3-112
3.5.6 Mitigation.....	3-112
3.6 VISUAL QUALITY AND AESTHETICS	3-113
3.6.1 Methodology.....	3-113
3.6.2 Existing Conditions.....	3-113
3.6.3 Downtown St. Paul	3-114
3.6.4 Long Term Effects	3-126
3.6.5 Short Term Construction Effects	3-132
3.6.6 Mitigation.....	3-132
3.7 SAFETY AND SECURITY	3-133
3.7.1 Legal and Regulatory Context.....	3-133
3.7.2 Existing Conditions.....	3-133
3.7.3 Long-Term Effects.....	3-134
3.7.4 Short-Term Effects	3-136
3.7.5 Mitigation.....	3-136
3.8 ENVIRONMENTAL JUSTICE	3-138
3.8.1 Introduction and Summary	3-138
3.8.2 Methodology.....	3-138
3.8.3 Existing Conditions.....	3-140
3.8.4 Long-Term Effects	3-149
3.8.5 Short-Term Effects	3-153
3.8.6 Mitigation.....	3-153
Figure 3.1-1 Traffic Analysis Zones.....	3-8
Figure 3.1-2 Entire Corridor Land Use	3-9

Table of Contents

Figure 3.1-3 Land Use: Downtown St. Paul and Capitol Area	3-12
Figure 3.1-4 Land Use: Midway East.....	3-13
Figure 3.1-5 Land Use: Midway West.....	3-14
Figure 3.1-6 Land Use: University Prospect Park.....	3-15
Figure 3.1-7 Land Use: Downtown Minneapolis	3-16
Figure 3.1-8 Zoning: St. Paul East.....	3-17
Figure 3.1-9 Zoning: St. Paul West.....	3-18
Figure 3.1-10 Zoning: Minneapolis	3-19
Figure 3.2-1 Neighborhoods Map	3-35
Figure 3.2-2 Landmarks and Community Facilities: Downtown St. Paul.....	3-36
Figure 3.2-3 Landmarks and Community Facilities: Capitol Area	3-38
Figure 3.2-4 Landmarks and Community Facilities: Midway East – Section 1.....	3-39
Figure 3.2-5 Landmarks and Community Facilities: Midway East – Section 2.....	3-40
Figure 3.2-6 Landmarks and Community Facilities: Midway East – Section 3.....	3-41
Figure 3.2-7 Landmarks and Community Facilities: Midway West – Section 1.....	3-45
Figure 3.2-8 Landmarks and Community Facilities: Midway West – Section 2.....	3-46
Figure 3.2-9 Landmarks and Community Facilities: Midway West – Section 3.....	3-47
Figure 3.2-10 Landmarks and Community Facilities: Prospect Park	3-48
Figure 3.2-11 Landmarks and Community Facilities: U of M	3-50
Figure 3.2-12 Landmarks and Community Facilities: Downtown East and West Bank.....	3-51
Figure 3.2-13 Landmarks and Community Facilities: Downtown Minneapolis	3-53
Figure 3.4-1 Cultural Resources: Downtown St. Paul.....	3-72
Figure 3.4-2 Cultural Resources: Capitol Area	3-73
Figure 3.4-3 Cultural Resources: Midway East.....	3-74
Figure 3.4-4 Cultural Resources: Midway West.....	3-75
Figure 3.4-5 Cultural Resources: U of M/Prospect Park	3-76
Figure 3.6-1 Viewshed from Union Depot Balcony south to the Mississippi River.....	3-114
Figures 3.6-2 and 3.6-3 Union Depot then and now	3-115
Figure 3.6-4 Looking west on 4th Street to the Union Depot	3-115
Figure 3.6-5 View from intersection of Broadway and 4th Street looking south to Kellogg	3-117
Figure 3.6-6 View from Union Depot balcony to the southeast along Kellogg Boulevard	3-117
Figure 3.6-7 Traction Power Substation Locations	3-120
Figure 3.6-8 View from intersection of Broadway and 4th Street looking south to Kellogg	3-124
Figure 3.6-9 Transit/pedestrian mall alternative at the University Of Minnesota	3-125
Figures 3.6-10 and 3.6-11 Views at Wacouta and 4th Streets.....	3-127
Figures 3.6-12 and 3.6-13 University Club building and view to Cedar/4th Street diagonal.....	3-128
Figures 3.6-14 and 3.6-15 Views of Kellogg Boulevard area.....	3-129
Figures 3.6-16 and 3.6-17 Views toward Lafayette Bridge and downtown St. Paul	3-129
Figure 3.6-18 Profile view of the proposed U of M transit/pedestrian mall.....	3-131
Figure 3.8-1Central Corridor Minority Population per Acre by Census Block Group.....	3-143
Figure 3.8-2 Median Household Income.....	3-145
Figure 3.8-3 Persons Below Poverty Level per Acre by Census Block	3-146
Table 3-1: Summary of Land Use, Zoning, and Socioeconomic Impacts for the Key Project Elements	3-3
Table 3-2 Study Area Population by Age	3-22

Table 3-3 Population by Race and Ethnicity.....	3-23
Table 3-4 Housing by Occupancy and Tenure	3-24
Table 3-5 Central Corridor Employment (jobs) by Segment.....	3-24
Table 3-6 Year 2000 Race or Ethnicity Composition by Neighborhood	3-25
Table 3-7 2000 Census Population Characteristics	3-26
Table 3-8 Acquisitions, Displacements and Relocation Summary for Key Project Elements	3-59
Table 3-9 Summary of Potential Effects to Cultural Resource from the Key Project Elements	3-66
Table 3-10 Properties Determined Eligible for or Listed on the National Register of Historic Places.....	3-77
Table 3-11 Potential Impacts to Eligible or Listed National Register of Historic Places Properties ...	3-85
Table 3-12 Summary of Potential Impacts to Parklands and Recreational Areas	3-106
Table 3-13 Park and Recreation Resources Present within the Study Area	3-107
Table 3-14 Parks, Recreation Areas and Open Space Located Within 350 Feet of the Central Corridor LRT Key Project Elements	3-112
Table 3-15 Population and Percent of Total Population by Identified Racial or Ethnic Heritage	3-140
Table 3-16 2000 Census Population Characteristics	3-144
Table 3-17 Age and Percentage of Population.....	3-148
Table 3-18 No Vehicle Households.....	3-149

4.0 ENVIRONMENTAL EFFECTS	4-1
4.1 GROUNDWATER AND SOIL RESOURCES	4-2
4.1.1 Methodology.....	4-4
4.1.2 Existing Conditions.....	4-4
4.1.3 Long-Term Effects.....	4-14
4.1.4 Short-Term Construction Effects	4-14
4.1.5 Mitigation.....	4-15
4.2 WATER RESOURCES	4-17
4.2.1 Legal and Regulatory Context.....	4-17
4.2.2 Methodology.....	4-19
4.2.3 Existing Conditions.....	4-19
4.2.4 Long-Term Effects.....	4-21
4.2.5 Short-Term Construction Effects	4-23
4.2.6 Mitigation.....	4-23
4.3 BIOTA AND HABITAT	4-25
4.3.1 Legal and Regulatory Context.....	4-25
4.3.2 Methodology.....	4-25
4.3.3 Existing Conditions.....	4-25
4.3.4 Long-Term Effects.....	4-27
4.3.5 Short-Term Construction Effects	4-28
4.3.6 Mitigation.....	4-28
4.4 THREATENED AND ENDANGERED SPECIES	4-29
4.4.1 Legal and Regulatory Context.....	4-29
4.4.2 Methodology.....	4-29
4.4.3 Existing Conditions.....	4-29
4.4.4 Long-Term Effects.....	4-30
4.4.5 Short-Term Construction Effects	4-30
4.4.6 Mitigation.....	4-30

4.5 AIR QUALITY	4-31
4.5.1 Legal and Regulatory Context	4-31
4.5.2 Methodology	4-36
4.5.3 Existing Conditions	4-36
4.5.4 Long-Term Effects	4-40
4.5.5 Short-Term Construction Effects	4-43
4.5.6 Mitigation	4-43
4.6 NOISE	4-44
4.6.1 Human Perception Levels	4-44
4.6.2 Evaluation Criteria	4-46
4.6.3 Methodology	4-49
4.6.4 Existing Conditions	4-50
4.6.5 Long Term Effects	4-52
4.6.6 Short-Term Construction Effects	4-55
4.6.7 Mitigation	4-56
4.7 VIBRATION	4-58
4.7.1 Human Perception Levels	4-58
4.7.2 Vibration Criteria	4-58
4.7.3 Methodology	4-59
4.7.4 Existing Conditions	4-60
4.7.5 Long-Term Effects	4-64
4.7.6 Short-Term Construction Effects	4-66
4.7.7 Mitigation	4-67
4.8 HAZARDOUS/REGULATED MATERIALS	4-69
4.8.1 Preliminary Site Identification	4-71
4.8.2 Impact Assessment Methodology	4-75
4.8.3 Long-Term Effects	4-76
4.8.4 Short-Term Construction Effects	4-76
4.8.5 Mitigation	4-78
4.9 ELECTROMAGNETIC FIELDS AND UTILITIES	4-80
4.9.1 Legal and Regulatory Context	4-82
4.9.2 Methodology	4-82
4.9.3 Existing Conditions	4-82
4.9.4 Long-Term Effects	4-85
4.9.5 Short-Term Construction Effects	4-85
4.9.6 Mitigation	4-87
4.10 ENERGY	4-88
4.10.1 Methodology	4-88
4.10.2 Long-term Effects	4-88
4.10.3 Short-Term Construction Effects	4-88
4.10.4 Mitigation	4-88
Table 4-1 Groundwater Resource Impacts Summary	4-3
Table 4-2 Bedrock Aquifers	4-9
Table 4-3 State Listed T&E Species within the Study Area	4-30
Table 4-4 Summary of Air Quality Impacts	4-32
Table 4-5 National Ambient Air Quality Standards	4-33
Table 4-6 Monitored Carbon Monoxide (CO)	4-36
Table 4-7 Monitored Nitrogen Dioxide (NO ₂)	4-37
Table 4-8 Monitored Ozone (O ₃)	4-37

Table 4-9 Monitored Particulate Matter under 10 Microns in Diameter (PM ₁₀)	4-37
Table 4-10 Monitored Particulate Matter under 2.5 Microns in Diameter (PM _{2.5})	4-39
Table 4-11 Monitored Sulfur Dioxide (SO ₂)	4-40
Table 4-12 Weighted Noise Levels and Human Response	4-45
Table 4-13 Land Use Categories and Metrics for Transit Noise Impact Criteria.....	4-47
Table 4-14 FTA Noise Impact Criteria.....	4-48
Table 4-15 Summary of Existing Ambient Noise Measurement Results	4-52
Table 4-16 Summary of Noise Issues due to Key Project Elements	4-53
Table 4-17 Construction Equipment Noise Emission Levels	4-56
Table 4-18 FTA Ground-borne Vibration Impact Criteria.....	4-59
Table 4-19 Existing Vibration Levels in the Central Corridor LRT Corridor	4-61
Table 4-20 Summary of Hazardous/Regulated Materials Evaluation	4-70
Table 4-21 Preliminary List of Hazardous/Regulated Material Sites Recommended for Phase II Assessment.....	4-72
Table 4-22 Summary of potential impacts from Key Project Elements to Electromagnetic Fields and Utilities	4-81
Figure 4.1-1 Surficial Geology	4-5
Figure 4.1-2 Bedrock Geology	4-7
Figure 4.1-3 Groundwater Pollution Sensitivity	4-11
Figure 4.1-4 NRCS Soil Survey.....	4-13
Figure 4.2-1 Water Resources	4-20
Figure 4.2-2 Floodplains and NWI.....	4-22
Figure 4.5-1 Source categories of mobile source air toxic emissions, 1999 to 2030.....	4-35
Figure 4.6-1 Noise Monitoring Locations.....	4-51
Figure 4.8-1 Hazardous and Regulated Materials Preliminary Phase II ESA Sites	4-74
5.0 ECONOMIC EFFECTS.....	5-1
5.1 ECONOMIC CONDITIONS	5-1
5.1.1 Effects from Capital and O&M Expenditures	5-2
5.1.2 Long-Term Effects.....	5-3
5.1.3 Short-Term Effects	5-3
5.2 STATION AREA DEVELOPMENT.....	5-3
5.2.1 Downtown St. Paul.....	5-4
5.2.2 Capitol Area.....	5-4
5.2.3 Midway East.....	5-5
5.2.4 Midway West	5-5
5.2.5 University/Prospect Park	5-6
5.2.6 Downtown Minneapolis	5-7
5.3 LONG-TERM EFFECTS	5-7
5.3.1 No-Build Alternative.....	5-7
5.3.2 Key Project Elements	5-7
5.4 MITIGATION	5-10

6.0	TRANSPORTATION	6-1
6.1	TRANSIT EFFECTS	6-1
6.1.1	Methodology .....	.6-1
6.1.2	Major Changes in Technical Assumptions.....	.6-2
6.1.3	Description of Transit Service Plan .....	.6-2
6.1.4	Long-Term Effects .....	.6-5
6.1.5	Mitigation .....	.6-12
6.2	EFFECTS ON ROADWAYS	6-12
6.2.1	Methodology .....	.6-12
6.2.2	Existing Conditions .....	.6-13
6.2.3	Long-term Effects .....	.6-17
6.2.4	Short-term Effects.....	.6-22
6.2.5	Mitigation .....	.6-23
6.3	OTHER TRANSPORTATION IMPACTS	6-23
6.3.1	Methodology .....	.6-23
6.3.2	Existing Conditions and Planned Facilities .....	.6-24
6.3.3	Long-Term Effects .....	.6-28
6.3.4	Short-term Construction Impacts .....	.6-31
6.3.5	Mitigation .....	.6-32
Figure 6-1	Proposed Central Corridor Bus Route Network.....	6-4
Figure 6-2	Distribution of User Benefits (for Trips Attractions).....	6-10
Figure 6-3	Distribution of Daily User Benefits (for Trips Productions).....	6-11
Figure 6-4	U of M Stadium Roadway Changes	6-15
Table 6-1	Transit Service Plan Headways (Minutes)	6-3
Table 6-2	Summary of Transit Ridership Forecasts for 2030	6-6
Table 6-6-3	2030 Central Corridor LRT Daily Volumes by Station.....	6-8
Table 6-4	U of M PM-Peak Hour Intersection LOS with New Roadway Configuration	6-14
Table 6-5	Existing Roadway ADT and LOS .....	.6-16
Table 6-6	Comparison of 2020 and 2030 Forecast Average Annual Daily Traffic (AADT) in the Central Corridor	6-17
Table 6-7	PM Peak Hour Levels of Service at Intersections of Concern with Washington Avenue Transit/Pedestrian Mall	6-19
Table 6-8	Washington Avenue 2030 PM Peak Hour LOS	6-20
Table 6-9	Comparison of 2020 and 2030 PM Peak Hour Forecast Intersection LOS with Capitol Area Alignment and Station Changes.....	6-21
Table 6-10	Parking Impacts of Various Design Elements.....	6-30
7.0	SECTION 4(F) EVALUATION.....	7-1
7.1	BACKGROUND INFORMATION AND REGULATORY REQUIREMENTS	7-1
7.2	DESCRIPTION OF SECTION 4(F) AND 6(F) RESOURCES	7-3
7.2.1	Methodology and Affected Resources.....	.7-3
7.2.2	Impacts to Historic Property .....	.7-4
7.2.3	Use of Parks and Recreational Areas .....	.7-12
7.3	MEASURES TO MINIMIZE HARM	7-13

7.4 AGENCY COORDINATION	7-13
Figure 7-1 Leif Erikson portion of the Capitol Mall Historic District.....	7-10
Figure 7-2 Union Depot in downtown St. Paul.....	7-11
Figure 7-3 Currie Park in Minneapolis	7-14
Table 7-1 Preliminary Review for Potential Use of Historic Property.....	7-5
Table 7-2 Preliminary Review for Potential Use of Section 4(f) Parks.....	7-12
8.0 FINANCIAL ANALYSIS.....	8-1
8.1 CAPITAL FUNDING STRATEGY.....	8-1
8.1.1 Capital Cost Estimate.....	8-1
8.1.2 Capital Financing Plan	8-1
8.2 OPERATING FUNDING STRATEGY	8-4
8.2.1 Operating and Maintenance Costs.....	8-4
8.2.2 Operating Revenues	8-4
Figure 8-1 Anticipated Local Funding Timing & Commitments.....	8-3
Table 8-1 Central Corridor Capital Cash Flow Projections.....	8-2
9.0 INDIRECT AND CUMULATIVE IMPACTS	9-1
9.1 INTRODUCTION.....	9-1
9.2 METHODOLOGY.....	9-2
9.2.1 Study Area Definition.....	9-2
9.2.2 Time Frame	9-2
9.2.3 Factors considered.....	9-3
9.2.4 Existing Conditions and Development Trends.....	9-3
9.2.5 Anticipated (Reasonable Foreseeable Future) Actions	9-4
9.2.6 Resource Identification.....	9-10
9.3 POTENTIAL FOR INDIRECT IMPACTS AND CUMULATIVE EFFECTS	9-10
9.4 CONCLUSION	9-21
9.4.1 Long-term effects	9-21
9.4.2 Mitigation.....	9-22
Table 9-1 Past and future population growth by Project Segment	9-4
Table 9-2 Reasonably Foreseeable Future Actions	9-5
Table 9-3 Potential for Indirect Impacts and Cumulative Effects	9-11
10.0 EVALUATION OF ALTERNATIVES	10-1
10.1 EVALUATION RELATIVE TO PROJECT GOALS AND OBJECTIVES	10-1
10.2 NEW STARTS CRITERIA	10-4
10.3 ISSUES TO BE RESOLVED	10-5

Table of Contents

Table 10-1 Summary of Effects Relative to Project Goals and Objectives	10-1
11.0 PUBLIC AND AGENCY COORDINATION AND COMMENTS	11-1
11.1 PUBLIC INVOLVEMENT	11-1
11.1.1 Public and Agency Involvement During the AA/DEIS.....	11-2
11.1.2 Outreach During the AA/DEIS Scoping Process	11-2
11.1.3 Outreach During the AA/DEIS	11-2
11.1.4 Current Public Involvement Program for the SDEIS.....	11-3
11.1.5 Outreach During SDEIS/Preliminary Engineering	11-7
11.2 AGENCY COORDINATION	11-9
11.2.1 Key Project Decisions	11-11
11.2.2 Additional Agency Coordination	11-16
11.2.3 Section 106 Coordination	11-17
Figure 11-1 Public Involvement Chart.....	11-7
Figure 11-2 Organizational Chart	11-10
Table 11-1 Key Project Issues.....	11-12

APPENDICES

Appendix A.....	List of Preparers
Appendix B.....	List of Recipients
Appendix B1.....	List of Recipients of SDEIS
Appendix B2.....	List of Recipients of Notice of Availability (NOA)
Appendix C	List of Acronyms
Appendix D	List of References
Appendix E.....	Agency Correspondence
Appendix F	Public Outreach
Appendix G	Northern Alignment Feasibility Study
Appendix H	Programmatic Agreement