

## 10. REFERENCES

### Executive Summary

---

- Denver Regional Council of Governments (DRCOG). 2009. *2035 Metro Vision Regional Transportation Plan (2035 MVRTP)*, as amended.
- Regional Transportation District (RTD). 2001. *US 36 Major Investment Study*. June.
- Regional Transportation District (RTD). 2004. *FasTracks Plan*. Available: [http://www.drcog.org/documents/2004\\_FasTracks\\_Plan.pdf](http://www.drcog.org/documents/2004_FasTracks_Plan.pdf). 22 April.
- US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- US 36 Mobility Partnership. 2007. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

## Chapter 1, Purpose and Need

---

- Colorado Department of Transportation (CDOT). 2005. *Safety Assessment Report for the US 36 Corridor*.
- Colorado Department of Transportation (CDOT). 2009. Highway Project Status Communications and Updates.
- Denver Regional Council of Governments (DRCOG). 2008. Travel Demand Model, Compass 2.0. Cycle 2.
- Denver Regional Council of Governments (DRCOG). 2009. *2035 Metro Vision Regional Transportation Plan (2035 MVRTP)*, as amended.
- Hann, Jane. 2009. Personal communication with Lissa Myers, URS. Colorado Department of Transportation (CDOT), Colorado. January.
- Local Jurisdictions. 2006. *Bike Links 36 Regional Bicycle Map*. Summer.
- Regional Transportation District (RTD). 2001. *US 36 Major Investment Study*. June.
- Regional Transportation District (RTD). 2004. *FasTracks Plan*. Available: [http://www.drcog.org/documents/2004\\_FasTracks\\_Plan.pdf](http://www.drcog.org/documents/2004_FasTracks_Plan.pdf). 22 April.
- Regional Transportation District (RTD). 2008. *Denver Union Station EIS/ROD*.
- URS Corporation (URS). 2003. *Existing Conditions Inventory and Deficiencies Analysis —Draft Technical Report*. December 3.
- US 36 Mobility Partnership. 2008. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

### **Persons/Agencies Contacted**

Regional Transportation District (RTD)

## Chapter 2, Alternatives Considered

---

- Denver Regional Council of Governments (DRCOG). 2002. *2025 Metro Vision Interim Regional Transportation Plan (2025 MVIRTP)*. April.
- Denver Regional Council of Governments (DRCOG). 2009. *2035 Metro Vision Regional Transportation Plan (2035 MVRTP)*, as amended.
- Regional Transportation District (RTD). 2001. *US 36 Major Investment Study*. June.
- Regional Transportation District (RTD). 2004. *FasTracks Plan*. Available: [http://www.drcog.org/documents/2004\\_FasTracks\\_Plan.pdf](http://www.drcog.org/documents/2004_FasTracks_Plan.pdf) 22 April.
- URS Corporation (URS). 2004. *Conceptual Alternatives Definition and Evaluation*.
- URS Corporation (URS). 2007. *Alternatives Analysis Technical Report: Package Development and Evaluation*.
- US 36 Mobility Partnership. 2004. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- US 36 Mobility Partnership. 2007. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

## Chapter 3, Transportation Impacts and Mitigation

---

- CH2M Hill. 2003. Imagery Dataset. Summer.
- City and County of Denver. 2002. *Blueprint Denver – An Integrated Land Use and Transportation Plan (2002) (Blueprint Denver)*.
- City of Boulder, Osprey Group, Fox Higgins Transportation Group, and Carter & Burgess. 2002. *Boulder Valley Regional Center Transportation Connection Plan*. October 24.
- Clarion Associates. 2004. *Westminster Comprehensive Land Use Plan*. June 28.
- Colorado Department of Transportation (CDOT). 2005. *SH 36 Freeway Reconstruction Report*.
- Colorado Department of Transportation (CDOT). 2006. *Summary of Part II: Evaluation of Proposed Designs from a Safety Standpoint*.
- Colorado Department of Transportation (CDOT), Transportation Research Board. 2000. *Highway Capacity Manual*.
- Denver Regional Council of Governments (DRCOG). 2009. *2035 Metro Vision Regional Transportation Plan (2035 MVRTP)*, as amended.
- Felsburg, Holt, and Ullevig. 1996. *Adams County Transportation Plan*. March.
- Felsburg, Holt, and Ullevig. 2005. *Transportation Master Plan for the City and County of Broomfield*. October 25.
- LSA Associates, Inc. 2003. *City of Boulder Transportation Master Plan*. September 16.
- Regional Transportation District (RTD). 2001. *US 36 Major Investment Study*. June.
- Town of Superior, RNL Design, Foxfire Community Planning and Development, LSC Transportation Consultants, Inc., Leland Consulting Group, Gorsuch Kirgis, LLP, and RG Engineering Consultants, Inc. 2001. *Town of Superior Comprehensive Plan*. September 10.
- URS Corporation (URS). 2006. *Boulder West End Traffic Operations and Supplements*.
- URS Corporation (URS). 2007a. *Interchange and Station Area Intersection Impacts and Mitigation Technical Report*.
- URS Corporation (URS). 2007b. *Traffic Engineering Technical Report*. June.
- URS Corporation (URS). 2007c. *Transit Station Mode of Access, Parking and Traffic Impacts Technical Report*.
- URS Corporation (URS). 2009. *Traffic Engineering Technical Report Addendum*. October.
- US 36 Mobility Partnership. 2007. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

## Chapter 4, Affected Environment and Environmental Consequences

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### Section 4.1 – Introduction

---

Denver Regional Council of Governments (DRCOG). 2009. *2035 Metro Vision Regional Transportation Plan (2035 MVRTP)*, as amended.

### Section 4.2 – Land Use

---

- Adams County. 1996. *Adams County Transportation Plan*.  
[http://www.co.adams.co.us/services/department/planning\\_development/ac\\_transportation\\_plan](http://www.co.adams.co.us/services/department/planning_development/ac_transportation_plan).
- Adams County. 2004. *Adams County Comprehensive Plan*.  
[http://www.ncwrpc.org/adamscp/Natural\\_files/frame.htm](http://www.ncwrpc.org/adamscp/Natural_files/frame.htm). July.
- Adams County. 2009. Geographic Information System (GIS) Dataset.
- American Association of State Highway and Transportation Organization (AASHTO). 2009. Accessed online from the Center for Environmental Excellence  
[http://www.environment.transportation.org/environmental\\_issues/land\\_use\\_sg/July 2009](http://www.environment.transportation.org/environmental_issues/land_use_sg/July%2009).
- Boulder County. 2009. Geographic Information System (GIS) Dataset.
- City and County of Broomfield. 2004. Land Use Data Set.
- City and County of Broomfield. 2005. *City and County of Broomfield Comprehensive Plan*.
- City and County of Broomfield. 2009. Geographic Information System (GIS) Dataset.
- City and County of Denver. 2002. *Blueprint Denver – An Integrated Land Use and Transportation Plan (2002) (Blueprint Denver)*.
- City and County of Denver. 2004. Land Use Data Set.
- City and County of Denver. 2009. Geographic Information System (GIS) Dataset.
- City of Boulder. 2002. *Boulder Valley Regional Center Transportation Connections Plan*. Planning and Development Services Codes and Regulations. Boulder, Colorado.
- City of Boulder. 2003. *Boulder Transportation Master Plan*.  
[http://www.ci.boulder.co.us/publicworks/depts/transportation/master\\_plan\\_new/pdfs/TMP\\_111303\\_72dpi.pdf](http://www.ci.boulder.co.us/publicworks/depts/transportation/master_plan_new/pdfs/TMP_111303_72dpi.pdf).
- City of Boulder. 2005. *Boulder Valley Comprehensive Plan*.
- City of Boulder. 2006. *City of Boulder Climate Action Plan*.
- City of Boulder. 2009. Geographic Information System (GIS) Dataset.
- City of Boulder. *Boulder County Comprehensive Plan*. 1999.
- City of Boulder and Boulder County. 2004. Land Use Data Set.
- City of Boulder and Boulder County. 2005. *Boulder Valley Comprehensive Plan Update*.
- City of Broomfield. 2005. *City of Broomfield Master Plan*. Community Development and Planning Department. Broomfield, Colorado.
- City of Broomfield. 2009. Geographic Information System (GIS) Dataset.
- City of Louisville. 2009. *City of Louisville Comprehensive Plan Update*.

- City of Westminster. 2004a. *Westminster Comprehensive Land Use Plan*. June 28.
- City of Westminster. 2004b. *Southeast Area Plan*.
- City of Westminster. 2004c. *Central Area Plan*.
- City of Westminster. 2009. Geographic Information System (GIS) Dataset.
- Denver Regional Council of Governments (DRCOG). 2009. *2035 Metro Vision Regional Transportation Plan (2035 MVRTP)*, as amended.
- LSA Associates, Inc. 2003. *2003 Boulder Transportation Master Plan*.
- Town of Superior. 2001. *Town of Superior Comprehensive Plan*. 2006 Amendment.  
<http://www.townofsuperior.com/pdf/compplan-draft-110701-highres.pdf>.
- Town of Superior. 2009. Geographic Information System (GIS) Dataset.
- Union Station Alliance. 2005. *Denver Union Station Master Plan*.

### **Section 4.3 – Economic Considerations**

---

- Adams County. 2009. *Current Year - 2008 Abstract of Assessment*.  
<http://www.co.adams.co.us/index.cfm?d=standard&b=1&c=7&s=111&p=1060>. Accessed in March.
- Boulder County Colorado. 2009. *2007 Assessment Abstract*.  
<http://www.bouldercounty.org/assessor/Abstracts/index.html>. Accessed in March.
- Broomfield County. 2009. *2008 Abstract Publication*.  
<http://www.broomfield.org/centralrecords/Levies.shtml>. Accessed in March.
- Denver Regional Council of Governments (DRCOG). 2007. Socioeconomic Data Set, Zone 2030\_ft.bin. February 2.
- Jefferson County. 2009. *2007 Abstract of Assessment*.  
[http://www.co.jefferson.co.us/assessor/assessor\\_T80\\_R33.htm](http://www.co.jefferson.co.us/assessor/assessor_T80_R33.htm). Accessed in March.
- State of Colorado. 2009. <http://www.revenue.state.co.us> Department of Revenue, Denver, Colorado. Accessed 2009.
- US 36 Mobility Partnership. 2007. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

### **Section 4.4 – Right-of-Way and Relocations**

---

- CH2M Hill. 2007. *US 36 Alignment Design Details Technical Report*.
- Uniform Relocation Assistance and Real Property Act. 1970. (Public Law 91-646, 84 Stat. 1894).
- URS Corporation (URS). 2007. *Bikepath Detailed Description*. June.
- U.S. Census Bureau. 2005a. American FactFinder, Fact Sheet – Denver County, Colorado.
- U.S. Census Bureau. 2005b. American FactFinder, Fact Sheet – Boulder County, Colorado.
- US 36 Mobility Partnership. 2004. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

### **Persons/Agencies Contacted**

City and County of Denver  
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Denver Regional Council of Governments (DRCOG)

### **Section 4.5 – Social Impacts and Community Facilities**

---

Denver Regional Council of Governments (DRCOG). 2005. Socioeconomic Data Set, Zone 2030\_ft.bin. Accessed February 2.

Denver Regional Council of Governments (DRCOG). 2007. Socioeconomic Data Set, NWR\_TAZ2660\_2005\_Regional.bin and NWR\_TAZ2660\_2035\_Regional.bin. Accessed June 4, 2008.

U.S. Census Bureau. 2002. *2000 Decennial Census of Population*. Washington, D.C.

US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

### **Section 4.6 – Environmental Justice**

---

CDR Associates. 2009. *Public Involvement Program Technical Report Addendum*. July.

CH2M Hill. 2005. *Environmental Justice Technical Appendix*. January.

Clinton, W.J. 1994. *Executive Order 12898. Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations*. Washington, D.C. *Federal Register*. Vol. 59, No. 32, Wednesday, February 16. pp. 7629-7633.

Colorado Department of Transportation (CDOT). 2003. *Environmental Justice in Colorado's Statewide and Regional Planning Process Guidance*. September.

Colorado Department of Transportation (CDOT). 2006. *Possible Environmental Justice Issues Related to Express Lanes*. October.

Council on Environmental Quality (CEQ). 1997. *Environmental Justice; Guidance Under the National Environmental Policy Act*. Executive Office of the President. Washington, D.C. December 10 [released July 1998].

Denver Regional Council of Governments (DRCOG). 2009. *2035 Metro Vision Regional Transportation Plan (2035 MVRTP)*, as amended.

Federal Highway Administration (FHWA). 2000. *Overview of Transportation and Environmental Justice Brochure*.

Housing and Urban Development (HUD). 2003. <http://www.huduser.org/datasets/fmr03/index.html>.

U.S. Census Bureau. 1997. *Economic Census of Minority and Woman-Owned Businesses in Adams County*.

U.S. Census Bureau. 2002. *Decennial Census of Population*. Washington, D.C.

U.S. Department of Transportation (USDOT). 1977. Order 5610.2 Environmental Justice in Minority and Low Income Populations.

US 36 Mobility Partnership. 2004. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

### **Persons/Agencies Contacted**

Colorado Department of Transportation (CDOT)  
Federal Highway Administration (FHWA)  
Federal Transit Administration (FTA)  
Regional Transportation District (RTD)  
U.S. Environmental Protection Agency (USEPA)

### **Section 4.7 – Historic and Archaeological Preservation**

---

Colorado Department of Transportation (CDOT). 1999. <http://www.dot.state.co.us/rules>.

Office of Archaeology and Historic Preservation (OAHP). 2009a. Site forms for various resource.

Office of Archaeology and Historic Preservation (OAHP). 2009b. Geographic Information System (GIS) data.

URS Corporation (URS). 2006. *U.S. Highway 36 Environmental Impact Statement: Results of a Historic Architectural Survey of the Highway and Railroad Corridors, Adams, Boulder, Broomfield, Denver, and Jefferson Counties, Colorado*. January.

US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

### **Section 4.8 – Paleontology**

---

Evanoff, E. 2004. *Paleontological Resources of the US 36 and Burlington Northern/Santa Fe Corridors*. June.

### **Section 4.9 – Parks and Open Space**

---

Colorado State Parks and Recreation. 2007. Land and Water Conservation Funds Data.

US 36 Mobility Partnership. 2005. *Parks and Open Space Resources Technical Memorandum*.

US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

### **Section 4.10 – Public Safety and Security**

---

National Uniform Crime Reporting Program. 2004.

Regional Transportation District (RTD). 2006. *RTD Bus Transit Facility Design Guidelines and Criteria*. February.

U.S. Department of Transportation (USDOT). 2006. *Transit Threat Level Response Recommendation*.

US 36 Mobility Partnership. 2004. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

### **Persons/Agencies Contacted**

Adams County Sheriff  
Boulder Police Department  
Broomfield City and County Police Department  
Colorado State Patrol  
Denver Fire Stations  
Denver Police Departments  
Louisville Fire Station  
Louisville Police Department  
Regional Transportation District (RTD) – Dave Genova  
Town of Superior Fire Department  
Westminster Fire Station  
Westminster Police Department

### **Section 4.11 – Visual and Aesthetic Resources**

---

CH2M Hill. 2005. *Visual Technical Appendix*.

U.S. Department of Transportation (USDOT). 1981. Federal Highway Administration, Office of Environmental Policy. *Visual Impact Assessment for Highway Projects*. Publication No. FHWA-HI-88-054.

US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

US 36 Mobility Partnership. 2007. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

### **Section 4.12 – Air Quality**

---

CH2M Hill. 2009. *US 36 Air Quality Technical Report Addendum*. October.

Colorado Department of Public Health and Environment (CDPHE) and Air Pollution Control Division (APCD). 2005. *Technical Support Document for the Colorado SIP for PM<sub>10</sub>*.

Colorado Department of Transportation (CDOT). 2007. Fact Book 2006 – 2007, Transportation Facts.

Denver Regional Council of Governments (DRCOG). 2009a. *2035 Metro Vision Regional Transportation Plan (2035 MVRTP)*, as amended.

Denver Regional Council of Governments (DRCOG). 2009b. *Draft 2009 Amendment Cycle 1 DRCOG Conformity Determination (CO, PM<sub>10</sub>, and 1-hour Ozone) for the Amended Fiscally-constrained 2035 Regional Transportation Plan and the Amended 2008-2013 Transportation Improvement Program*.

U.S. Environmental Protection Agency (USEPA). 2006a. *Transportation Conformity Guidance for Qualitative Hot-spot Analyses in PM<sub>2.5</sub> and PM<sub>10</sub> Nonattainment and Maintenance Areas*.

U.S. Environmental Protection Agency (USEPA). 2006b. *AP-42, Fifth Edition, Compilation of Air Pollutant Emission Factors*

U.S. Environmental Protection Agency (USEPA). 2009. Air Data. Accessed at <http://www.epa.gov/air/criteria.html>. July.

US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

### **Section 4.13 – Noise**

---

Colorado Department of Transportation (CDOT). 2002. *Noise Analysis and Abatement Guidelines*. December 1.

Federal Highway Administration (FHWA). 23 Code of Federal Regulations 772.

Federal Transit Administration (FTA). 2006. *Transit Noise and Vibration Impact Assessment*, Report No. FTA-VA-90-1003-06. May.

Hankard Environmental. 2009. *Highway Noise Analysis Technical Report (Addendum)*. October.

US 36 Mobility Partnership. 2004. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

### **Section 4.14 – Biological Resources: Wildlife, Vegetation, and Threatened and Endangered Species**

---

Adams, R.A. 2003. *Bats of the Rocky Mountain West: Natural History, Ecology, and Conservation*. University Press, Boulder, Colorado.

Anderson, D.G., and S.C. Spackman. 2003. *Inventory and Status Report of American Ground Nut (*Apios americana Medicus*) in Colorado*. Colorado Natural Heritage Program, Colorado State University. Prepared for City of Boulder Open Space.

Andrews, R., and R. Righter. 1992. *Colorado Birds: A Reference to Their Distribution and Habitat*. Denver Museum of Natural History. Denver.

Boulder County. 2004. *Boulder County Comprehensive Plan*.

Boulder County Nature Association. 1999. *Boulder County Avian Species of Special Concern*. Dave Hallock and Stephen R. Jones. <http://www.bcna.org/aviansoso.html>.

Carsey, K., G. Kittel, K. Decker, D.J. Cooper, and D. Culver. 2003. *Field Guide to the Wetland and Riparian Plant Associations of Colorado*. Colorado Natural Heritage Program, Fort Collins, Colorado.

City of Boulder. 2004. Parks Noxious Weed/Weeds of Concern Species Profile/Best Management Practices List. Email from Laurie Dieter (City of Boulder) to Holly Barnard (URS). Received February 2, 2004.

City of Boulder Open Space and Mountain Parks (OSMP). 1997. *South Boulder Creek Management Area Inventory Report*. <http://www.ci.boulder.co.us/openspace/planning/sbc/InventoryReport/sbctable.htm>.

City of Boulder Open Space and Mountain Parks (OSMP). 2004. *A Working Classification for Boulder Valley Land Cover with Native Vegetation Types Described*. p. 8.

Colorado Department of Agriculture. 2009. Quarter Quad Survey Maps. <http://www.ag.state.co.us>. Accessed July.

Colorado Department of Transportation (CDOT). 2002. Noxious Weeds Geographic Data. <http://www.dot.state.co.us/>. Accessed March 2004.

- Colorado Department of Transportation (CDOT). 2003. *Statewide Maintenance List*.
- Colorado Department of Transportation (CDOT). 2004. *CDOT MS4 Permit New Development and Redevelopment Program*. Submittal to the Colorado Department of Public Health and Environment as part of the CDOT MS4 Permit. February.
- Colorado Department of Transportation (CDOT). 2005. Impacted Black-tailed Prairie Dog Policy. Letter from Tom Norton to the Executive Management Team. June 1.
- Colorado Department of Transportation (CDOT). 2009. Black-tailed Prairie Dog Policy. <http://www.dot.state.co.us/environmental/Wildlife/Guidelines.asp>. Colorado Division of Wildlife (CDOW). 2004. *Fencing with Wildlife in Mind*. <http://www.wildlife.state.co.us/habitat/links.asp>.
- Colorado Division of Wildlife (CDOW). 2007a. State Threatened and Endangered Species List. <http://wildlife.state.co.us/WildlifeSpecies/SpeciesOfConcern/ThreatenedEndangeredList/ListOfThreatenedAndEndangeredSpecies.htm>. Accessed October 15.
- Colorado Division of Wildlife (CDOW). 2007b. “Recommended Survey Protocol and Actions to Protect Nesting Burrow Owls.” March.
- Colorado Natural Heritage Program (CNHP). 2004. Search of Biological and Conservation Datasystem for Natural Heritage Elements for US 36 Project Area, and Conservation Site Reports. Letter and data. February 20.
- Colorado Revised Statutes (CRS). 2003. Colorado Noxious Weed Act. (Colorado Revised Statutes [CRS] 35-5.5-101-119.)
- Fitzgerald, J.P., C.A. Meaney, and D.M. Armstrong. 1994. *Mammals of Colorado*. Denver Museum of Natural History and University Press of Colorado.
- Forman, R.T.T., D. Sperling, J.A. Bissonette, A.P. Clevenger, C.D. Cutshall, V.H. Dale, L. Fahrig, R. France, C.R. Goldman, K. Heanue, J.A. Jones, F.J. Swanson, T. Turrentine, and T.C. Winter. 2002. *Road Ecology: Science and Solutions*. Island Press, Washington.
- Great Plains Flora Association. 1986. *Flora of the Great Plains*. University Press of Kansas, Lawrence, Kansas.
- Hammerson, G.A. 1999. *Amphibians and Reptiles in Colorado*. 2<sup>nd</sup> edition. University Press of Colorado, and Colorado Division of Wildlife.
- Iowa Department of Natural Resources. 2001. *Cylindrical papershell (cylinder)*. <http://www.iowadnr.com/education/files/clyndr.pdf>.
- Kingery, H.E. (editor). 1998. *Colorado Breeding Bird Atlas*. Colorado Bird Atlas Partnership and Colorado Division of Wildlife.
- Mayo, E. 2004. Personal communication with Jeff Dawson, URS. U.S. Fish and Wildlife Service (USFWS). Grand Junction, Colorado. March 1.
- Miller, B., G. Ceballos, and R. Reading. 1994. “The Prairie Dog and Biotic Diversity.” *Conservation Biology*. Volume 8, No. 3. September. pp. 677-681.
- Natural Diversity Information Source (NDIS). 2006. On-line data and mapping of wildlife and vegetation in Colorado. Colorado Division of Wildlife. <http://www.ndis.nrel.colostate.edu/wildlife.asp>.
- Neely, B. 2004. Personal communication with Jeff Dawson, URS, March 8, 2004 regarding Colorado Butterfly Plant. The Nature Conservancy, Boulder, Colorado.

- Opler, P.A., H. Pavulaan, and R.E. Stanford (coordinators). 1995. *Butterflies of North America*. Jamestown, North Dakota: Northern Prairie Wildlife Research Center home page. <http://www.npwrc.usgs.gov/resource/distr/lepid/blyusa.htm>.
- Spackman, S., B. Jennings, J. Coles, C. Dawson, M. Minton, A. Kratz, and C. Spurrier. 1997. *Colorado Rare Plant Field Guide*. Prepared for the Bureau of Land Management, the U.S. Forest Service, and the U.S. Fish and Wildlife Service by the Colorado Natural Heritage Program.
- URS Corporation (URS). 2004a. *Biological Resource Technical Memorandum*.
- URS Corporation (URS). 2004b. *The Site Habitat Assessments for Preble's Meadow Jumping Mouse Technical Memorandum*.
- U.S. Fish and Wildlife Service (USFWS). 2004. Rocky Flats National Wildlife Refuge. <http://www.rockyflats.fws.gov>.
- U.S. Fish and Wildlife Service (USFWS). 2009. *Federally Listed and Proposed (P), Endangered (E), Threatened (T), Experimental (X), and Candidate (C) Species and Habitat in Colorado by County*. Updated February 2009. <http://www.r6.fws.gov/endsp/CountyLists/Colorado082003.htm>.
- US 36 Mobility Partnership. 2004. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- Van Buren, R. 2004. Personal communication between R. Van Buren, Colorado Division of Wildlife (CDOW) Fisheries Biologist, and Kim Cornelisse, URS, via telephone on March 31.
- Weber, W.A., and R.C. Wittman. 2001. *Colorado Flora. Eastern Slope*. 3<sup>rd</sup> Edition. University Press of Colorado, Boulder.
- Winkle, P. 2004. Personal communication between P. Winkle, Colorado Division of Wildlife (CDOW) Fisheries Biologist, and Kim Cornelisse, URS, via email on March 23.
- Woodling, J. 1985. *Colorado's Little Fish. A Guide to the Minnows and Other Lesser Known Fishes in the State of Colorado*. Colorado Division of Wildlife, Denver.

#### **Section 4.15 – Mineral Resources, Geology, and Soils**

---

- Amuedo and Ivey, Inc.: A.R. Myers, J.B. Hansen, R.A. Lindvall, J.B. Ivey, and J.L. Hynes. 1975. "Coal Mine Subsidence and Land Use in the Boulder-Weld Coalfield, Boulder and Weld Counties, Colorado." Colorado Geological Survey, *Environmental Geology* 9, p. 88, 6 plates, scale 1:24,000.
- Colorado Department of Transportation (CDOT). 1999. *Standard Specifications for Road and Bridge Construction*. Section 208, Erosion Control.
- Colorado Oil and Gas Conservation Commission (COGCC). 2004. Colorado Oil and Gas Information System. <http://www.oil-gas.state.co.us>. Accessed 2004.
- Noe, D.C. 1997. "Heaving-bedrock hazards, mitigation, and land-use policy: Front Range Piedmont, Colorado." Colorado Geological Survey, Special Publication 45, reprinted with permission from *Environmental Geosciences*, 1997, Volume 4, No. 2, pp. 48-57.

- Roberts, S.B., J.L. Hynes, and C.L. Woodward (compilers). 2001. *Maps showing the extent of mining, locations of mine shafts, adits, air shafts, and bedrock faults, and thickness of overburden above abandoned coal mines in the Boulder-Weld coal field, Boulder, Weld, and Adams Counties, Colorado*. U.S. Geological Survey Geologic Investigations Series Map I-2735, scale: 1:48,000. <http://pubs.usgs.gov/products/maps/i-maps.html>.
- Schwochow, S.D. 1972. Geothermal Energy Presentation on VHS.
- Urban Drainage and Flood Control District (UDFCD). 1999. *Urban Storm Drainage Criteria Manual, Volume 3*.
- U.S. Geological Survey (USGS). 2003. Earthquake Hazards Program website. <http://eqint.cr.usgs.gov/eq/cgi-bin/zipcode.cgi>.
- US 36 Mobility Partnership. 2004. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- Weimer, R.J. 1996. *Guide to the petroleum geology and Laramide orogeny, Denver Basin and Front Range, Colorado*. Colorado Geological Survey Bulletin 51, p. 127.

#### **Section 4.16 – Farmlands**

---

- Freedom's Way Heritage Area (FWHA). 1985. *Supplemental Guidance for Implementation of Farmland Protection Policy Act*.
- National Resource Conservation Service (NRCS). Soils Database, 2002-2004. <http://www.soils.udsda.gov>.
- U.S. Department of Agriculture (USDA). 1981. *The National Agricultural Land Study of 1980-1981*. <http://www.usda.gov>
- US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

#### **Section 4.17 – Hazardous Materials**

---

- Colorado Department of Public Health and Environment (CDPHE). 2006a. *Asbestos Contaminated Soil Guidance Document*. Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division, April.
- Colorado Department of Public Health and Environment (CDPHE). 2006b. *Regulations Pertaining to Solid Waste Sites and Facilities 6 CCR 1007-2*. Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division, amended February 15, 2006, effective April 30.
- Colorado Department of Transportation (CDOT). 2005. *Standard Specifications for Road and Bridge Construction*.
- Pinyon Environmental Engineering Resources, Inc. 2004. *Phase I Environmental Site Assessment of Highway US 36 Corridor ROW, 1-25 to Foothills Parkway, Denver to Boulder, Colorado*. Lakewood, Colorado. October 28.
- US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

### **Section 4.18 – Utilities**

---

Goodbee & Associates, Inc. 2004. *Existing Utilities Technical Memorandum*.

US 36 Mobility Partnership. 2004. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

### **Section 4.19 – Energy**

---

Federal Transit Administration (FTA), Office of Planning and Environment. U.S. Department of Transportation. 2006. *Reporting Instructions for the Section 5309 New Starts Criteria*. May.

US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

### **Section 4.20 – Water Resources, Water Quality and Floodplains**

---

Big Dry Creek Watershed Association (BDCWA). 2002. Personal communication with Monika Dinges, CH2M Hill. Jane Clary, Watershed Coordinator, Wright Water Engineers, Inc. Denver, Colorado.

Colorado Department of Public Health and Environment (CDPHE). 2009. *Regulation No. 38 Classifications and Numeric Standards South Platte River Basin, Laramie River Basin, Republican River Basin, Smoky Hill River Basin*. March 30, 2009.

Colorado Department of Public Health and Environment (CDPHE), Water Quality Control Commission (WQCC). 2008. Regulation No. 93, Section 303(d). April 30.

Colorado Department of Transportation (CDOT). 2002. *Erosion Control and Stormwater Quality Guide*.

Colorado Department of Transportation (CDOT). 2005. *Standard Specifications for Road and Bridge Construction*.

Federal Highway Administration (FHWA). 2006. *Evaluation and Management of Highway Runoff Water Quality*. Publication No. FHWA-PD-96-032. Washington, D.C.

Urban Drainage and Flood Control District (UDFCD). 2004. *Urban Drainage Criteria Manual*. Vol. 3.

URS Corporation (URS). 2004. *Conceptual Drainage Analysis*.

URS Corporation (URS). 2009. *Conceptual Drainage Analysis*.

U.S. Geological Survey (USGS). 2000. *Comprehensive Water Quality of the Boulder Creek Watershed, Colorado, During High-Flow and Low-Flow Conditions, 2000*. Water Resources Investigations Report 03-4045.

US 36 Mobility Partnership. 2004. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

### **Section 4.21 – Wetlands and Other Waters**

---

Berglund, J. 1999. *Montana Wetland Field Evaluation Form and Instructions*. Montana Department of Transportation Environmental Services. Helena, Montana.

Carsey et al. 2003. *Field Guide to the Wetland and Riparian Plant Association of Colorado*.

Cowardin, Lewis M., Virginia Carter, Francis C. Golet, and Edward T. LaRoe. 1979. *Classification of Wetlands and Deepwater Habitats of the United States*.

URS Corporation (URS). 2004. *Wetland Technical Memorandum for the US 36 EIS Project*.

US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

U.S. Army Corps of Engineers (USACE) and U.S. Environmental Protection Agency (USEPA). 2008. *Compensatory Mitigation for Losses of Aquatic Resources Final Rule*.

### **Section 4.22 – Construction-Related Impacts**

---

Colorado Department of Transportation (CDOT). 2002. *Bus Rapid Transit System Committee Newsletter*. <http://www.4trb.org>. January. Transportation Research Board.

US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

### **Section 4.23 – Cumulative Impacts**

---

Adams County. 2006. *Adams County 2009 Annual Budget*.

Boulder County. 2004. *Geographic Information System (GIS) Dataset*.

Boulder County. 2009. *Boulder County Transportation Capital Improvement Plan 2006-2015 Project List*.

City and County of Denver. 2002. *Blueprint Denver – An Integrated Land Use and Transportation Plan (2002) (Blueprint Denver)*.

City and County of Denver. 2004. *Denver Union Station Master Plan*. September.

City of Broomfield. 2009a. *2009 Proposed Design Projects*.  
<http://www.broomfield.org/cip/projects.shtml>. Accessed in April.

City of Broomfield. 2009b. *Projects Currently in Progress*.  
<http://www.broomfield.org/cip/projects.shtml>. Accessed in April.

City of Louisville. 2009. *2009 Annual Operating and Capital Budget*.

City of Westminster. 2009. *2009 and 2010 Adopted Capital Improvement Program*.

Colorado Department of Transportation (CDOT). 2004. *Procedural Directive 501.2: Cooperative Storm Drainage System*.

Colorado Department of Transportation (CDOT). 2005. *120<sup>th</sup> Avenue Connection Environmental Assessment*.

- Colorado Department of Transportation (CDOT). 2008. *Colorado Department of Transportation 2008-2013 State Transportation Improvement Program*. March 14.
- Colorado Department of Transportation (CDOT). 2009. *Daily STIP Report*. April 24.
- Colorado Division of Wildlife (CDOW). 1998. Riparian Vegetation Data. Natural Diversity Information Source. Accessed online at <http://ndis1.nrel.colostate.edu/ndis/riparian/riparian.htm> in April 2007.
- Colorado Division of Wildlife (CDOW). 2004. Geographic Information System (GIS) Dataset.
- Council on Environmental Quality (CEQ). 1997. *Considering Cumulative Effects under the National Environmental Policy Act*. January.
- Denver Regional Council of Governments (DRCOG). 2009. *2035 Metro Vision Regional Transportation Plan (2035 MVRTP)*, as amended.
- Denver Regional Council of Governments (DRCOG). 2008. *2008-2013 Transportation Improvement Program*. <http://www.denvergov.org>.
- Natural Diversity Information Source (NDIS). 2007. On-line data and mapping of wildlife and vegetation in Colorado. Colorado Division of Wildlife. <http://www.ndis.nrel.colostate.edu>.
- Northwest Parkway Authority. 2001. *Corridor Environmental Review*.
- Regional Transportation District (RTD). 2004. *RTD's Transportation Development Plan, 2004–2009*.
- Regional Transportation District (RTD). 2007. *Programmatic Cumulative Effects Analysis (PCEA), Version 1, Regional Transportation District, FasTracks Environmental Resource Group (FERG)*. October.
- State of Colorado. 2004. Department of Local Affairs. *U.S. Census 2000 data analyzed by DOLA*.
- Town of Superior. 2008. *Capital Improvement Fund*.
- US 36 Mobility Partnership. 2004. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

#### **Persons/Agencies Contacted**

City and County of Broomfield  
City and County of Denver  
City of Westminster  
Town of Superior

#### **Section 4.24 – Short-Term vs. Long-Term Impacts**

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No references.

#### **Section 4.25 – Irreversible and Irrecoverable Commitment of Resources**

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No references.

**Section 4.26 – Mitigation Summary**

---

- Colorado Department of Transportation (CDOT). 2002. *Erosion Control and Stormwater Quality Guide*.
- Colorado Department of Transportation (CDOT). 2005. *Standard Specifications for Road and Bridge Construction*.
- Forman, R.T.T., D. Sperling, J.A. Bissonette, A.P. Clevenger, C.D. Cutshall, V.H. Dale, L. Fahrig, R. France, C.R. Goldman, K. Heanue, J.A. Jones, F.J. Swanson, T. Turrentine, and T.C. Winter. 2002. *Road Ecology: Science and Solutions*. Island Press, Washington.
- Urban Drainage and Flood Control District (UDFCD). 2004. *Urban Drainage Criteria Manual*. Vol. 3.
- U.S. Fish and Wildlife Service (USFWS). 2004. Rocky Flats National Wildlife Refuge.  
<http://www.rockyflats.fws.gov>
- US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

## Chapter 5, Financial Analysis

---

- Colorado Tolling Enterprise (CTE). 2009. *US 36 Managed Lanes: A Managed Toll Lane Proposal*. March.
- Denver Regional Council of Governments (DRCOG). 2009. *2035 Metro Vision Regional Transportation Plan (2035 MVRTP)*, as amended.
- Federal Highway Administration (FHWA). 2009. *Colorado US 36 Follow-up Cost Estimate Review July 28 & 29, 2009 Draft Final Report v.1*. September.
- Regional Transportation District (RTD). 2008. *FasTracks Annual Program Evaluation*.
- Regional Transportation District (RTD). 2009. *FasTracks Annual Program Evaluation*.
- US 36 Mobility Partnership. 2007. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

## **Chapter 6, Public Involvement Program**

---

CDR Associates. 2009. *Public Involvement Program Technical Report Addendum*. July.

Regional Transportation District (RTD). 2001. *US 36 Major Investment Study*. June.

URS Corporation (URS). 2003. *Scoping Report*. December.

US 36 Mobility Partnership. 2003. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

## Chapter 7, Final Section 4(f) Evaluation

---

- City of Boulder. 1984. *Tallgrass Prairie Natural Area Articles of Designation*.
- City of Boulder. 1986. *Management Plan*.
- City of Boulder. 2002. *Boulder Valley Comprehensive Plan*.
- City of Boulder. 2004. *Tallgrass Prairie Management Plan*.
- City of Boulder Open Space and Mountain Parks (OSMP). n.d. US 36 Mobility Project: 4(f) Eligibility Recommendations, City of Boulder, Open Space and Mountain Parks. Prepared by Mark Gershman, Environmental Planner.
- City of Boulder Open Space and Mountain Parks (OSMP). 1995. *Open Space Long Range Management Policies*.
- City of Boulder Open Space and Mountain Parks (OSMP). 1998. *South Boulder Creek Area Management Plan*.
- City of Boulder Open Space and Mountain Parks (OSMP). 2000. *South Boulder Creek Area Articles of Designation*.
- City of Boulder Open Space and Mountain Parks (OSMP). 2005. *Open Space and Mountain Parks Visitor Master Plan*.
- Denver Regional Council of Governments (DRCOG). 2009. *2035 Metro Vision Regional Transportation Plan (2035 MVRTP)*, as amended.
- Regional Transportation District (RTD). 2004. *FasTracks Plan*. Available: [http://www.drcog.org/documents/2004\\_FasTracks\\_Plan.pdf](http://www.drcog.org/documents/2004_FasTracks_Plan.pdf). 22 April.
- URS Corporation (URS). 2005. *US 36 West End Termini Design Options Technical Report*.
- URS Corporation (URS). 2007. *US 36 Alignment Operational Details Technical Report*.
- US 36 Mobility Partnership. 2005. *Parks and Open Space Technical Report*.
- US 36 Mobility Partnership. 2006. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- US 36 Mobility Partnership. 2007. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.
- US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

## **Chapter 8, Phased Project Implementation**

---

- Colorado Department of Transportation (CDOT). 2002. *Erosion Control and Stormwater Quality Guide*.
- Denver Regional Council of Governments (DRCOG). 2009. *2035 Metro Vision Regional Transportation Plan (2035 MVRTP)*, as amended.
- Forman, R.T.T., D. Sperling, J.A. Bissonette, A.P. Clewenger, C.D. Cutshall, V.H. Dale, L. Fahrig, R. France, C.R. Goldman, K. Heanue, J.A. Jones, F.J. Swanson, T. Turrentine, and T.C. Winter. 2002. *Road Ecology: Science and Solutions*. Island Press, Washington.
- Urban Drainage and Flood Control District (UDFCD). 2004. *Urban Drainage Criteria Manual*. Vol. 3.
- US 36 Mobility Partnership. 2009. *US 36 Environmental Impact Statement (EIS) Data Development and Analysis*.

## **Chapter 9, List of Preparers**

---

No references.

## Response to Comments

---

CDR and Associates. 2007. Summary of State and Federal Agencies, US 36 Corridor Jurisdictions and Municipalities, US 36 Organizations and Stakeholder Groups, and Public Comments.

Denver Regional Council of Governments (DRCOG). 2009. *2035 Metro Vision Regional Transportation Plan (2035 MVRTP)*, as amended.

