

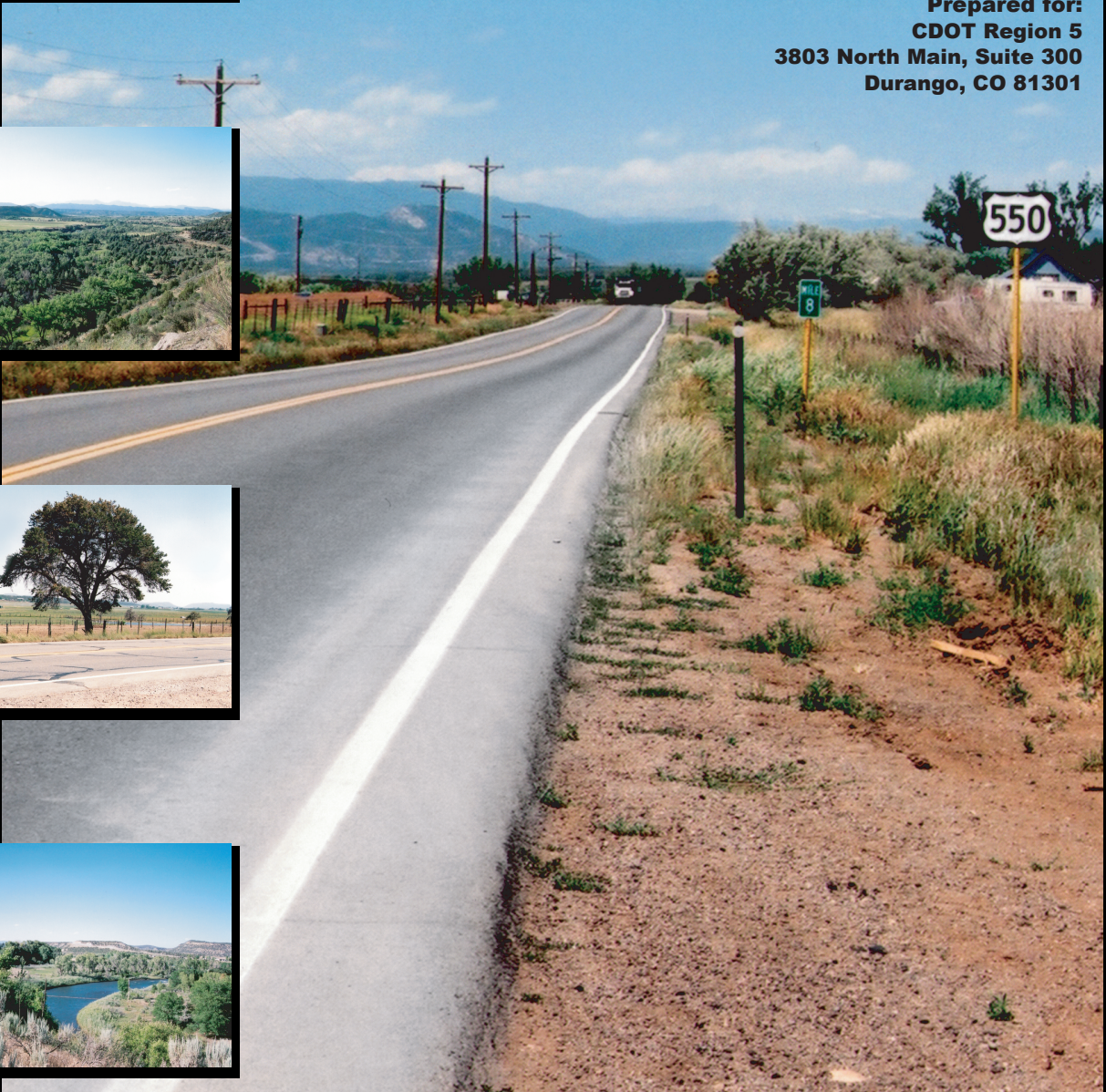
# US 550

## ENVIRONMENTAL ASSESSMENT

JULY 2005



Prepared for:  
CDOT Region 5  
3803 North Main, Suite 300  
Durango, CO 81301



NH 5501-011  
12979

**HIGHWAY US 550 CORRIDOR IMPROVEMENTS  
FROM  
STATE LINE NORTH TO COUNTY ROAD 220**

**ENVIRONMENTAL ASSESSMENT**

Submitted Pursuant to:  
42 USC 4332 (2)(c)

By the  
**U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION**

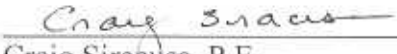
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**COLORADO DEPARTMENT OF TRANSPORTATION**

**Submitted by:**

  
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Region 5 Transportation Director  
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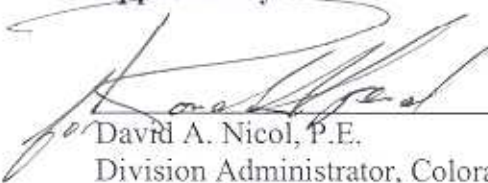
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**ACRONYMS**

<b>AADT</b>	Average annual daily traffic	<b>Corps</b>	US Army Corps of Engineers
<b>AASHTO</b>	American Association of State Highway and Transportation Officials	<b>CR</b>	County Road
<b>ACHP</b>	Advisory Council on Historic Preservation	<b>CRS</b>	Colorado Revised Statutes
<b>AGFD</b>	Arizona Game and Fish Department	<b>CSP</b>	Colorado State Patrol
<b>AMI</b>	Area median income	<b>CWA</b>	Clean Water Act
<b>AMSL</b>	Average mean sea level	<b>dBA</b>	A-weighted decibels
<b>APCD</b>	Air Pollution Control Division	<b>DEOG</b>	Diesel Exhaust Organic Gases
<b>APE</b>	Area of potential effects	<b>DPM</b>	Diesel Particulate Matter
<b>ARC</b>	Animas River Corridor	<b>DOI</b>	Department of the Interior Division of Wildlife
<b>ARC/GIS</b>	ArcView Geographic Information Systems	<b>EA</b>	Environmental Assessment
<b>ARPA</b>	Archaeological Resources Protection Act	<b>EIS</b>	Environmental Impact Statement Environmental Protection Agency
<b>AST</b>	Aboveground storage tank	<b>EJ</b>	Environmental Justice
<b>ASTM</b>	American Society for Testing and Materials	<b>EO</b>	Executive Order
<b>ATV</b>	All Terrain Vehicle	<b>ERNS</b>	Emergency Response Notification System
<b>BA</b>	Biological Assessment	<b>ESA</b>	Endangered Species Act
<b>BCD</b>	Biological & Conservation Datasystem	<b>FEMA</b>	Federal Emergency Management Agency
<b>BFE</b>	Base Flood Elevation	<b>FHWA</b>	Federal Highway Administration
<b>BLM</b>	Bureau of Land Management	<b>FIRM</b>	Flood Insurance Rate Map
<b>BMP</b>	Best management practice	<b>FONSI</b>	Finding of No Significant Impact
<b>CAA</b>	Clean Air Act	<b>FPPA</b>	Farmland Protection Policy Act
<b>CAQCC</b>	Colorado Air Quality Control Commission	<b>GIS</b>	Geographic Information Systems
<b>CCR</b>	Code of Colorado Regulations	<b>GPS</b>	Global Positioning System
<b>CDBG</b>	Community Development Block Grant	<b>HAER</b>	Historic American Engineering Record
<b>CDOT</b>	Colorado Department of Transportation	<b>HAP</b>	Hazardous Air Pollutant
<b>CDOW</b>	Colorado Division of Wildlife	<b>HC</b>	Hydrocarbons
<b>CDPHE</b>	Colorado Department of Public Health and Environment	<b>HOV</b>	High Occupancy Vehicle
<b>CDS</b>	Colorado Demography Section	<b>HSS</b>	Human Health Services
<b>CDWR</b>	Colorado Division of Water Resources	<b>I</b>	Interstate
<b>CERCLIS</b>	Comprehensive Emergency Response Compensation and Liability Information Systems	<b>IGA</b>	Inter-Governmental Agreement
<b>CEQ</b>	Council on Environmental Quality	<b>LEDPA</b>	Least Environmentally Damaging Practicable Alternative
<b>CFR</b>	Code of Federal Regulations	<b>L(eq)</b>	dBA equivalent noise level
<b>cfs</b>	Cubic feet per second	<b>LOMR</b>	Letter of Map Revision
<b>CGS</b>	Colorado Geological Survey	<b>LOS</b>	Level of Service
<b>CHS-OAHP</b>	Colorado Historical Society – Office of Archaeology & Historic Preservation	<b>LUST</b>	Leaking underground storage tank
<b>CLOMR</b>	Conditional Letter of Map Revision	<b>MBTA</b>	Migratory Bird Treaty Act
<b>CNHP</b>	Colorado Natural Heritage Program	<b>M-ESA</b>	Modified Environmental Site Assessment
<b>CNPS</b>	Colorado Native Plant Society	<b>MLS</b>	Multiple Listing Service
<b>CO</b>	Carbon monoxide	<b>MMI</b>	Multi-hazard Mapping Initiative
<b>COGCC</b>	Colorado Oil and Gas Conservation Commission	<b>MOA</b>	Memorandum of Agreement
		<b>MP</b>	Milepost
		<b>mph</b>	Miles per hour
		<b>MS4</b>	Municipal Separate Storm Sewer System
		<b>MSAT</b>	Mobile Source Air Toxics



## List of Acronyms

<b>MTBE</b>	Methyl tertiary butyl ether	<b>ROW</b>	Right-of-way
<b>NA</b>	Not Applicable	<b>RV</b>	Recreational Vehicle
<b>NAAQS</b>	National Ambient Air Quality Standard(s)	<b>SC</b>	Species of concern
<b>NAC</b>	Noise Abatement Criteria	<b>SCS</b>	Soil Conservation Service
<b>NDIS</b>	Natural Diversity Information Source	<b>SB 40</b>	Senate Bill 40
<b>NEPA</b>	National Environmental Policy Act of 1969	<b>SH</b>	State highway
<b>NFA</b>	No Further Action	<b>SHPO</b>	State Historic Preservation Officer
<b>NHPA</b>	National Historic Preservation Act	<b>SO<sub>x</sub></b>	Sulfur oxides
<b>NO<sub>x</sub></b>	Nitrogen oxides	<b>SUIT</b>	Southern Ute Indian Tribe
<b>NPDES</b>	National Pollutant Discharge Elimination System	<b>SWMP</b>	Stormwater Management Plan
<b>NPPAC</b>	Native Plants Protection Advisory Committee	<b>TABOR</b>	Taxpayers Bill of Rights
<b>NPS</b>	National Park Service	<b>TDM</b>	Transportation Demand Management
<b>NRHP</b>	National Register of Historic Places	<b>TDS</b>	Total Dissolved Solids
<b>NRCS</b>	Natural Resources Conservation Service	<b>TSM</b>	Transportation System Management
<b>NURP</b>	National Urban Runoff Program	<b>TSP</b>	Total Dissolved Particulates
<b>O<sub>3</sub></b>	Ozone	<b>TSS</b>	Total suspended solids
<b>OAHP</b>	Office of Archaeology and Historic Preservation	<b>µg/L</b>	Micrograms per liter
<b>Pb</b>	Lead	<b>µg/m<sup>3</sup></b>	Micrograms per cubic meter
<b>PCA</b>	Potential Conservation Areas	<b>US</b>	US Highway
<b>PCB</b>	Polychlorinated biphenyls	<b>USC</b>	US Code
<b>PDM</b>	Probabilistic Dilution Model	<b>USDA</b>	US Department of Agriculture
<b>PM<sub>2.5</sub></b>	Particulate matter less than 2.5 microns in diameter	<b>USDOT</b>	US Department of Transportation
<b>PM<sub>10</sub></b>	Particulate matter less than 10 microns in diameter	<b>USEPA</b>	US Environmental Protection Agency
<b>POM</b>	Polycyclic Organic Matter	<b>USFS</b>	US Forest Service
<b>ppbc</b>	Parts per billion carbon	<b>USFWS</b>	US Fish and Wildlife Service
<b>ppm</b>	Parts per million	<b>USGS</b>	US Geological Survey
<b>RCRIS</b>	Resource Conservation and Recovery Information System	<b>UST</b>	Underground storage tank
<b>REC</b>	Recognized Environmental Condition	<b>VHT</b>	Vehicle hours traveled
<b>RIP</b>	Recovery Implementation Plan	<b>VISTA</b>	VISTA Information Solutions
<b>ROD</b>	Record of Decision	<b>VMT</b>	Vehicle miles traveled
		<b>VOC</b>	Volatile organic compound
		<b>vpd</b>	Vehicles per day
		<b>WQCC</b>	Water Quality Control Commission
		<b>WQCV</b>	Water Quality Capture Volume

