



Partnering for Progress

U.S. 50 Corridor East



COLORADO
Department of
Transportation

U.S. 50 Corridor East Tier 1 Draft Environmental Impact Statement

Section 4(f) and Section 6(f)
Resources Technical
Memorandum

June 2016

Table of Contents

Chapter	Pages
1. Project Overview	1
2. Resource Definition	2
3. Applicable Laws, Regulations, and Guidance	3
3.1. U.S. Department of Transportation Act of 1966, Section 4(f)	3
3.2. Land and Water Conservation Fund Act of 1965, Section 6(f)	3
4. Methodology	4
4.1. Relevant Data or Information Sources	4
4.2. Data Collection and Analysis Methodology	5
4.3. Project Area	7
4.4. Effects	7
4.5. Mitigation Options	8
4.6. Deliverables	8
5. Existing Conditions	9
5.1. Section 4(f) Resources	9
5.2. Section 6(f) Resources	10
6. Effects	11
6.1. No-Build Alternative	11
6.2. Build Alternatives	11
7. Mitigation Strategies	20
7.1. Section 4(f) Historic and Archaeological Resources	20
7.2. Section 4(f) Parklands and Recreational Resources	20
7.3. Section 6(f) Resources	20
8. References	21
Appendices	23
Appendix A. Resource Methodology Overview for Section 4(f) and Section 6(f) Resources	25
Appendix B. Abbreviations and Acronyms	27
Appendix C. Section 4(f) Review Form	29
Appendix D. Historic and Archaeological Resources	31
Appendix E. Parklands and Recreational Resources	49
Appendix F. Section 6(f) Resources	53

Tables

Table 6-1. Potential Use of Section 4(f) Resources for the Build Alternatives by U.S. 50 Corridor Sections	14
---	----

Figures

Figure 1-1. U.S. 50 Tier 1 EIS Project Area	1
Figure 5-1. Approximate Location of the Santa Fe National Historic Trail, Mountain Branch (portion located within Otero, Bent, and Prowers Counties only)	9
Figure 6-1. Build Alternatives Overview	12

1. Project Overview

The U.S. 50 Corridor East Tier 1 Environmental Impact Statement (U.S. 50 Tier 1 EIS) was initiated by the project's lead agencies, the Colorado Department of Transportation (CDOT) and the Federal Highway Administration (FHWA). The purpose of the U.S. 50 Tier 1 EIS is to provide, within the framework of the National Environmental Policy Act of 1969 (NEPA), a corridor location decision for U.S. Highway 50 (U.S. 50) from Pueblo to the vicinity of the Colorado-Kansas state line that CDOT and the communities can use to plan and program future improvements, preserve right of way, pursue funding opportunities, and allow for resource planning efforts.

The U.S. 50 Tier 1 EIS officially began in January 2006 when the Notice of Intent was published in the *Federal Register*. The U.S. 50 Tier 1 EIS project area (Figure 1-1) is the area in which U.S. 50 Tier 1 EIS alternatives were assessed. This area traverses nine municipalities and four counties in the Lower Arkansas Valley of Colorado. The nine municipalities include (from west to east) the city of Pueblo, town of Fowler, town of Manzanola, city of Rocky Ford, town of Swink, city of La Junta, city of Las Animas, town of Granada, and town of Holly. The four counties that fall within this project area are Pueblo, Otero, Bent, and Prowers counties.

The project area does not include the city of Lamar. A separate Environmental Assessment (EA), the *U.S. 287 at Lamar Reliever Route Environmental Assessment*, includes both U.S. 50 and U.S. Highway 287 (U.S. 287) in its project area, since they share the same alignment. The Finding of No Significant Impact (FONSI) for the project was signed November 10, 2014. The EA/FONSI identified a proposed action that bypasses the city of Lamar to the east. The proposed action of the *U.S. 287 at Lamar Reliever Route Environmental Assessment* begins at the southern end of U.S. 287 near County Road (CR) C-C and extends nine miles to State Highway (SH) 196. Therefore, alternatives at Lamar are not considered in this U.S. 50 Tier 1 EIS.

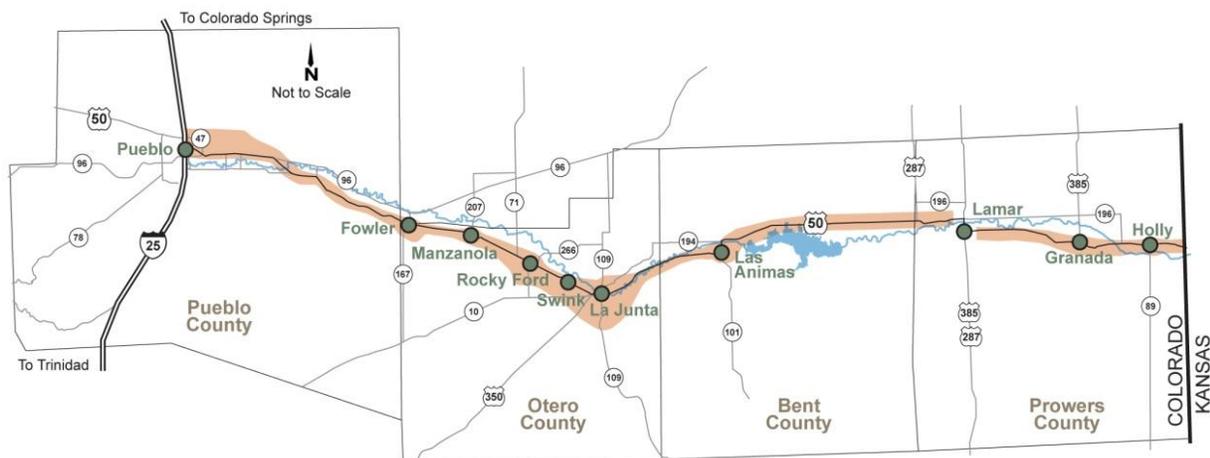


Figure 1-1. U.S. 50 Tier 1 EIS Project Area

2. Resource Definition

Section 4(f) of the U.S. Department of Transportation Act of 1966 applies to resources defined by 49 USC 303 as “publicly owned land of a public park, recreation area, or wildlife and waterfowl refuge of national, State, or local significance, or land of an historic site of national, State, or local significance.” This technical memorandum includes information about the identification of Section 4(f) resources and the potential of the Build Alternatives to use them. The issue of whether the Build Alternatives are the only prudent and feasible ones (in terms of the potential *use* of a resource) is discussed in the Section 4(f) chapter of the U.S. 50 Tier 1 EIS, so it is not examined in this technical memorandum.

The Land and Water Conservation Fund (LWCF) Act of 1965 (Public Law 88-578.78 Stat 897) was enacted with the intent “to assist in preserving, developing, and assuring to all citizens of the United States... such quality and quantity of outdoor recreation resources as may be available and are necessary and desirable for individual active participation.” The LWCF program provides matching grants to state and local governments for the acquisition and development of public outdoor recreation areas and facilities. Properties purchased with these funds are considered Section 6(f) resources.

3. Applicable Laws, Regulations, and Guidance

In addition to adhering to NEPA and its regulations (23 CFR 771), the Council on Environmental Quality (CEQ) regulations (40 CFR Parts 1500–1508), and the Moving Ahead for Progress in the 21st Century Act of 2012 (MAP-21), the following laws, regulations, and guidance were followed during this analysis of Section 4(f) and Section 6(f) resources. They are described in more detail below.

- U.S. Department of Transportation Act of 1966, Section 4(f)
- Land and Water Conservation Fund Act of 1965, Section 6(f)

3.1. U.S. Department of Transportation Act of 1966, Section 4(f)

This Act establishes a national policy stating “that special effort should be made to preserve the natural beauty of the countryside and public park and recreation lands, wildlife and waterfowl refuges, and historic sites” (49 USC 303). The use of a Section 4(f) resource cannot be approved unless: (1) there is no prudent and feasible alternative to using the Section 4(f) resource, and (2) the program or project includes all possible planning to minimize harm to the park, recreation area, wildlife and waterfowl refuge, or historic site resulting from a use.

3.2. Land and Water Conservation Fund Act of 1965, Section 6(f)

The purpose of this Act is to “assist in preserving, developing, and assuring accessibility to... outdoor recreation resources” (16 USC 460-4). The Act authorizes and provides funds for activities that assist states in planning, acquisition, and development of needed land and water areas and facilities. It also provides funds for federal acquisition and development of certain lands. If LWCF money is or was used to purchase or improve a property, it must be continually maintained as a public recreational use unless the National Park Service (NPS) approves replacement lands of equal value, location, and usefulness.

4. Methodology

The U.S. 50 Corridor East project is a Tier 1 EIS. “Tiering” for this process means that the work involved will be conducted in two phases, or tiers, as follows:

- Tier 1—A broad-based (i.e., corridor level) NEPA analysis and data collection effort. The goal of Tier 1 is to determine a general corridor location (not a roadway footprint). Data sources will include existing quantitative data, qualitative information, or both. Mitigation strategies (not necessarily specific mitigation activities) and corridor-wide mitigation opportunities will be identified. Additionally, the Tier 1 EIS will identify sections of independent utility (SIUs) and provide strategies for access management and corridor preservation.
- Tier 2—A detailed (i.e., project level) NEPA analysis and data collection effort. The goal of Tier 2 studies will be to determine an alignment location for each SIU identified in Tier 1. Data sources will include project-level data, including field data collection when appropriate. Tier 2 studies will provide project-specific impacts, mitigation, and permitting for each proposed project.

Resource methodology overviews were developed to identify and document which resource evaluation activities would be completed during the Tier 1 EIS, and which would be completed during Tier 2 studies. These overviews are intended to be guidelines to ensure that the Tier 1 EIS remains a broad-based analysis, while clarifying (to the public and resource agencies) when particular data and decisions would be addressed in the tiered process.

These overviews were approved by FHWA and CDOT in 2005, and they were agreed upon by the resource agencies during the project’s scoping process between February and April of 2006. Each overview summarizes the following information for the given resource:

- Relevant data or information sources—the types of corridor-level data that will be collected and the sources of that data
- Data collection and analysis methodology—how the data collection and analysis will be completed
- Project area—defined as one to four miles wide surrounding the existing U.S. 50 facility beginning in Pueblo, Colorado, at I-25 and extending to the Colorado-Kansas state line (resources will be reviewed within this band, and it is the same for all resources)
- Effects—the type(s) of effect(s) to be identified; in the instance of Section 4(f) this is described as a “use”
- Mitigation options—how mitigation will be addressed
- Deliverables—how the activities above will be documented
- Regulatory guidance/requirements—a list of applicable laws, regulations, agreements and guidance that will be followed during the review of the resources

These overviews were used by the project’s resource specialists as guidelines to ensure that their activities were relevant to the Tier 1 decision (i.e., corridor location). As the resource specialists conducted their work, data sources or analysis factors were added or removed. The final actions of the resource specialists are described below. The resource methodology overview for Section 4(f) and Section 6(f) resources has been attached to this technical memorandum as Appendix A for reference only. Additionally, abbreviations and acronyms used in this report are listed in Appendix B.

4.1. Relevant Data or Information Sources

The following data and information sources were used to evaluate Section 4(f) and Section 6(f) resources.

4.1.1. Section 4(f) Resources

The primary sources used to identify and evaluate historic and archaeological resources were the Colorado Office of Archaeology and Historic Preservation Compass database and windshield reconnaissance surveys. These sources, as well as the many others used to supplement these sources, are detailed in the U.S. 50

Tier 1 EIS Historic and Archaeological Resources Technical Memorandum, which has been attached to the EIS as an appendix.

Parklands and recreational resources also were identified using multiple sources, which include *A Corridor Selection Study: A Plan for U.S. 50* (CDOT 2003) and a Section 4(f) resource data collection effort conducted for the U.S. 50 Tier 1 EIS. More information about these sources can be found in the U.S. 50 Tier 1 EIS Land Use and Social Considerations Technical Memorandum, which has been attached to the EIS as an appendix.

Wildlife and waterfowl refuges were identified using information from Colorado Parks and Wildlife (CPW; formerly the Colorado Division of Wildlife [CDOW]).

Information about certain resources also was obtained during consultations with the NPS and CPW. Those consultations are detailed in Section 4.3.

4.1.2. Section 6(f) Resources

Data was obtained during consultations with the following state and federal agencies:

- Bureau of Land Management (BLM)
- CPW
- Colorado State Parks (now part of CPW)
- NPS
- United States Fish and Wildlife Service (USFWS)
- United States Forest Service (USFS)

4.2. Data Collection and Analysis Methodology

The following sections describe the resource identification and analysis methodology for Section 4(f) and Section 6(f) resources. There are three important limitations or qualifications regarding the Tier 1 Section 4(f) analysis in this technical memorandum that need to be recognized. These limitations in the analysis pertain to:

- The methodology used to identify resources that are or may be historic
- The degree of confidence that a resource would be affected by a Build Alternative
- The uncertainty that potentially affected land within a publicly owned multiple use area with recreation would be used for recreation

These limitations are discussed in the following subsections. These limitations do not allow for a detailed Section 4(f) evaluation; therefore, FHWA cannot approve the use of Section 4(f) resources at the Tier 1 level. Section 4(f) approvals will be made during subsequent Tier 2 studies.

4.2.1. Section 4(f) Resources

Historic and archaeological resources were identified initially by searching the Colorado Office of Archaeology and Historic Preservation Compass database for resources in the project area. Subsequently, windshield reconnaissance surveys were conducted within the area of potential effects (APE). The APE includes 1,000 feet on the existing U.S. 50 alignment (including through towns) and 1,000 feet centered on corridor alternatives (around-town corridors). More information about the reconnaissance surveys can be found in the U.S. 50 Tier 1 Historic and Archaeological Resources Technical Memorandum, which is attached to the EIS as an appendix.

Parkland and recreational resources were reviewed within the cities and towns along the U.S. 50 corridor and within Build Alternatives under consideration by the U.S. 50 Tier 1 EIS. Several sources were used to assemble a list of parklands and recreational resources in the project area, including a previous U.S. 50 planning study (CDOT 2003). This list of resources was used as the basis for a field review. Accessible public roadways were traveled to conduct the review, and the following areas were surveyed:

- Pueblo—area within and immediately surrounding the alternatives only
- Fowler—area within the town's boundaries
- Manzanola—area within the town's boundaries
- Rocky Ford—areas within the alternatives only
- Swink—area within the town's boundaries
- La Junta—areas within the alternatives only
- Las Animas—areas within the alternatives only
- Hasty—Hasty Park only
- Granada—area within the town's boundaries
- Holly—area within the town's boundaries

The parklands and recreational resources located in these areas were reviewed and documented utilizing the Section 4(f) review form presented in Appendix C. Questions on the form were drafted based on information in the FHWA Section 4(f) Policy Paper regarding what constitutes a Section 4(f) resource. While completing a review form, the boundaries of these resources were drawn on an aerial map of the relevant jurisdiction to document this information. In addition to resources on the initial list, resources discovered in the field also were reviewed. After the field review, appropriate community officials were contacted to obtain more information about certain resources. These communications are documented on the Section 4(f) review forms.

Information about certain Section 4(f) resources was obtained during consultations with the following agencies:

- CPW—to identify boundaries, uses, and potential effects to state wildlife areas
- NPS—to determine potential effects to the Santa Fe National Historic Trail (5BN.391), Bent's Old Fort National Historic Site (5OT.149), and the Granada Relocation Center National Historic Landmark (i.e., Camp Amache)(5PW.48).

Wildlife and waterfowl refuges were reviewed within the entire project area.

4.2.2. Section 6(f) Resources

The NPS submitted written scoping comments to the project team in March 2006 in the form of a letter signed by Cheryl Eckhardt, a NPS NEPA/Section 106 specialist. This letter requested that the project team contact the LWCF administrator for Colorado "to determine any potential conflicts with Section 6(f)(3) of the [LWCF] Act" (Eckhardt 2006). The letter noted that "the administrator for the [LWCF] program in Colorado is Mr. Joe Maurier, Deputy Director, Division of Parks and Outdoor Recreation, Colorado State Parks" (Eckhardt 2006). The resource specialist contacted Colorado State Parks in April 2006 and was told that Joe Maurier was no longer administering the LWCF program, and that this responsibility was currently being filled by Marilyn Minkin, LWCF Program Assistant.

While speaking to Marilyn Minkin, and in subsequent conversations with staff from other agencies, the resource specialist determined that multiple federal and state agencies may have records of Section 6(f) resources. As a result of this information, the following agencies were contacted to identify Section 6(f) resources in the project area:

- BLM
- CPW
- Colorado State Parks (now part of CPW)
- NPS
- USFWS
- USFS

The individual responsible for LWCF projects for each agency was contacted, and they were asked if the agency had records of LWCF properties (i.e., Section 6(f) resources) in the project area. A map or general description of the project area was provided to each representative.

At the project's Agency Scoping Meeting, participants from the USFWS noted that their agency was interested in the project's identification of Section 6(f) resources (CDOT 2006a). Therefore, after a list of Section 6(f) resources had been assembled from the consultations noted above, this list was sent to Connie Young-Dubovsky, a NEPA Coordinator for the USFWS. On June 29, 2006, Susan Linner, Colorado Field Supervisor for the USFWS, replied to this communication noting that "[the USFWS] accepts the attached list of LWCF properties and doesn't have any concerns with the... properties on it" (Linner 2006).

In addition, a comprehensive list of Section 6(f) resources within the state of Colorado was obtained by CDOT from CPW on November 8, 2013. This list was used to identify any additional Section 6(f) resources since initial data collection in 2006. No new resources were identified.

4.3. Project Area

The project area for the U.S. 50 Tier 1 EIS has been defined as one to four miles wide surrounding the existing U.S. 50 facility and extending from Pueblo, Colorado, at I-25 to the Colorado-Kansas state line (Figure 1-1). The project area encompasses the study area limits, which is where the Tier 1 corridor alternatives considered by this project would be located.

The study area is 1,000 feet wide centered on the corridor alternatives, beginning on or near the existing U.S. 50 at I-25 in Pueblo, Colorado, and extending to just east of Holly, Colorado, in the vicinity of the Colorado-Kansas state line. The limits of the project were approved by the lead agencies and other project stakeholders during the U.S. 50 Tier 1 EIS's scoping activities.

4.4. Effects

The purpose of the U.S. 50 Tier 1 EIS is to determine the location of a 1,000-foot-wide Build Alternative within which a 250-foot-wide (maximum) roadway footprint would be identified during Tier 2 studies (see Figure 5-1). This analysis identified Section 4(f) and Section 6(f) resources within the APE or project area, as noted in Section 4.2. However, because the location of U.S. 50 within each Build Alternative along the corridor will not be determined until Tier 2, not all of the resources would be affected. Effects for Section 4(f) resources are described as a "use" and effects for Section 6(f) resources are discussed in terms of conversion to a non-recreational use.

A use of a Section 4(f) resource can occur in three ways:

- Land is permanently incorporated into a transportation facility, such as through right-of-way acquisition. This is a **direct use**.
- Land is temporarily occupied by a transportation project, such as by a construction easement, and the occupancy is adverse in terms of the Section 4(f) statute's preservationist purposes. This is a **temporary use**.
- There is no permanent incorporation of land, but the proximity of the transportation project results in adverse effects (such as noise, access, and/or ecological effects) that are so severe that the activities, features, or attributes that qualify the resource for protection under Section 4(f) are substantially impaired. These types of effects are considered a **constructive use**.

In addition to these use categories, a *de minimis* finding can be applied if the use is minimal or one with little or no influence to the activities, features, and/or attributes of the Section 4(f) resource. Given the broad level of analysis for this Tier 1 EIS, constructive use and *de minimis* findings are not made for Tier 1. Therefore, uses identified in this Tier 1 Section 4(f) evaluation are considered "potential" uses.

Section 4(f) and Section 6(f) resources were considered to be directly affected, with the potential for a use of the resource under Section 4(f) or a conversion under Section 6(f), if part of the Build Alternatives occupy or overlap the property containing the resource. Additionally, Section 6(f) resources were considered to be indirectly affected if the Build Alternatives impede access to them from U.S. 50 (direct access from U.S. 50 to the property only). Impediment to access or noise and visual effects to resources were considered with regard to Section 4(f) resources in terms of the potential for constructive use.

4.5. Mitigation Options

Resource avoidance will be the primary mitigation strategy for Section 4(f) and Section 6(f) resources.

4.6. Deliverables

This technical memorandum is the primary deliverable related to Section 6(f) resources for the U.S. 50 Tier 1 EIS. In addition to this technical memorandum, the Section 4(f) chapter of the U.S. 50 Tier 1 EIS also contains information related to Section 4(f) resources.

5. Existing Conditions

The following section discusses the Section 4(f) and Section 6(f) resources identified by this analysis.

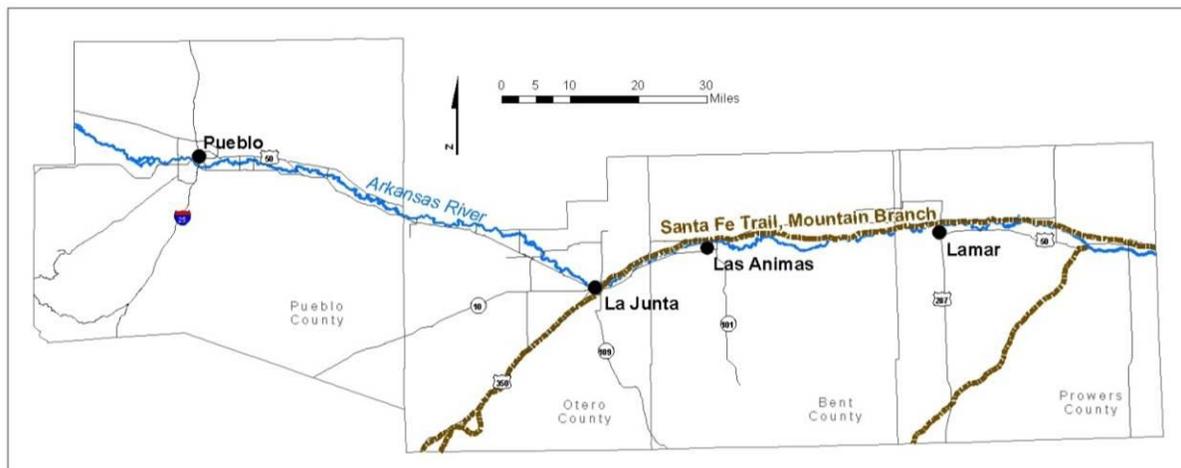
5.1. Section 4(f) Resources

Identified Section 4(f) resources are discussed below by resource type, including historic and archaeological resources, parklands and recreational resources, and wildlife and waterfowl refuges.

5.1.1. Historic and Archaeological Resources

A total of 423 historic resources (406 non-linear and 30 linear) and 17 archaeological resources were identified within the APE. Non-linear resources are located at a specific site or place, such as a public building, house, bridge, or historic district. Linear resources are those that are typically long and narrow, such as railroads, trails, irrigation canals, and ditches. The historic resources identified are listed in Appendix D. This list includes residences, buildings associated with farms and ranches, commercial properties, churches, bridges, and irrigation canals and ditches, among other types of resources.

Two linear resources of regional importance to the Lower Arkansas Valley are the Santa Fe National Historic Trail (5BN.391) and the Burlington Northern Santa Fe Railway (BNSF) Railway. The Santa Fe Trail was a major trade route across the western frontier from Missouri to Santa Fe, New Mexico, from the 1820s to the 1870s. In Colorado, the Mountain Branch of the trail generally followed the Arkansas River from the modern-day Kansas state line west to present-day La Junta. At La Junta, it turned southwestward, paralleling the present day U.S. 350 toward Trinidad. Figure 5-1 shows the approximate location of the trail (NPS 2008a). Only an approximate location of the trail is known at this time (NPS 2008b). The properties the trail crossed have largely been in private hands for more than 100 years, and extensive portions have been graded and farmed or have become unrecognizable in other ways. U.S. 50 currently crosses the trail's path in three locations within the project area, including near Milepost 380 (in La Junta), Milepost 401 (just north of Las Animas), and Milepost 464 (just east of Holly).



Source: NPS 2008a (Santa Fe Trail location only)

Figure 5-1. Approximate Location of the Santa Fe National Historic Trail, Mountain Branch (portion located within Otero, Bent, and Prowers Counties only)

In the 1870s, the Atchison, Topeka and Santa Fe Railway superseded the Santa Fe Trail as the route connecting the Midwest to other destinations in the west through Colorado. From Pueblo to the Colorado-Kansas state line, the railroad generally parallels the Arkansas River. Many of the communities in the Lower Arkansas Valley sprang up as stops along the railroad. Today, it is owned and operated by BNSF Railway.

U.S. 50 crosses the railroad seven times within the project area. These crossings are located at or near the following U.S. 50 mileposts:

- Milepost 319 in Pueblo County
- Milepost 361 in Otero County (east of Manzanola)
- Milepost 374 in Otero County (west of Swink)
- Milepost 379 in Otero County (west of La Junta)
- Milepost 397 in Bent County (west of Las Animas)
- Milepost 435 in Prowers County (in Lamar)
- Milepost 456 in Prowers County (between Granada and Holly)

5.1.2. Parklands and Recreational Resources

This analysis identified 89 parklands and recreational resources in the project area. These resources are listed in Appendix E. They include two fairgrounds, four golf courses, 40 local parks (i.e., owned by a city, town, or county government), 28 facilities associated with schools, three planned pedestrian trails, five State Wildlife Areas, the John Martin Reservoir State Park and State Wildlife Area, and Camp Amache (a National Historic Landmark). The State Wildlife Areas offer recreational opportunities, such as hunting, bird watching, and target shooting. Additionally, the John Martin Reservoir State Wildlife Area offers fishing, boating, and other recreational opportunities (CDOW 2009).

5.1.3. Wildlife and Waterfowl Refuges

While there are State Wildlife Areas within the project area, there are no wildlife or waterfowl refuges (CDOW 2007). CPW manages State Wildlife Areas in southeast Colorado for hunting and preservation of species; however, since the State Wildlife Areas are not solely managed for preservation, CPW does not consider them a wildlife refuge (Black 2009). It should be noted, however, that even though the John Martin Reservoir State Wildlife Area is not managed primarily as a waterfowl refuge, the southern shoreline of the reservoir is protected seasonally for nesting and brooding by birds that include threatened or endangered species (CDOW 2007). U.S. 50 currently exists north of this location, and the U.S. 50 Tier 1 EIS does not recommend taking any land that is part of the protected southern shoreline.

5.2. Section 6(f) Resources

This analysis identified 36 Section 6(f) resources, including:

- 1 campground
- 18 city or town parks
- 8 parks associated with schools
- 1 swimming pool
- 2 recreation centers
- 3 sports facilities
- 3 segments of the Fountain Creek trail

Most of these resources (22) are located within the city of Pueblo or Pueblo County. The rest are located primarily within the communities east of Pueblo. A list of these resources is located in Appendix F.

6. Effects

The following section details effects to Section 4(f) and Section 6(f) resources by the No-Build Alternative and the Build Alternatives.

6.1. No-Build Alternative

Under the No-Build Alternative, only minor and isolated construction would occur. Routine maintenance and repairs would be made as necessary to keep U.S. 50 in usable condition, including standard overlays and repairs of weather- or crash-related damage. Additionally, smaller scale improvements may be undertaken, such as short passing lanes and other minor safety improvements. None of these activities are expected to substantially affect Section 4(f) or Section 6(f) resources to the extent that they would result in a use of a Section 4(f) resource or a conversion of a Section 6(f) resource to a non-recreational use.

6.2. Build Alternatives

The Build Alternatives consist of constructing a four-lane expressway on or near the existing U.S. 50 from I-25 in Pueblo, Colorado, to approximately one mile east of Holly, Colorado. There are a total of 30 Build Alternatives. In Pueblo, three Build Alternatives are proposed that either improve U.S. 50 on its existing alignment and/or reroute it to the north to utilize SH 47. East of Pueblo, the remaining 27 Build Alternatives are divided into nine between-town alternatives and 18 around-town alternatives. The nine between-town alternatives improve U.S. 50 on its current alignment, with the exception of near Fort Reynolds, where there is an alternative to realign the roadway to the south. The 18 around-town alternatives propose relocating U.S. 50 from its current through-town route at Fowler, Manzanola, Rocky Ford, Swink, La Junta, Las Animas, Granada, and Holly. Figure 6-1 provides an overview of the Build Alternatives as proposed.

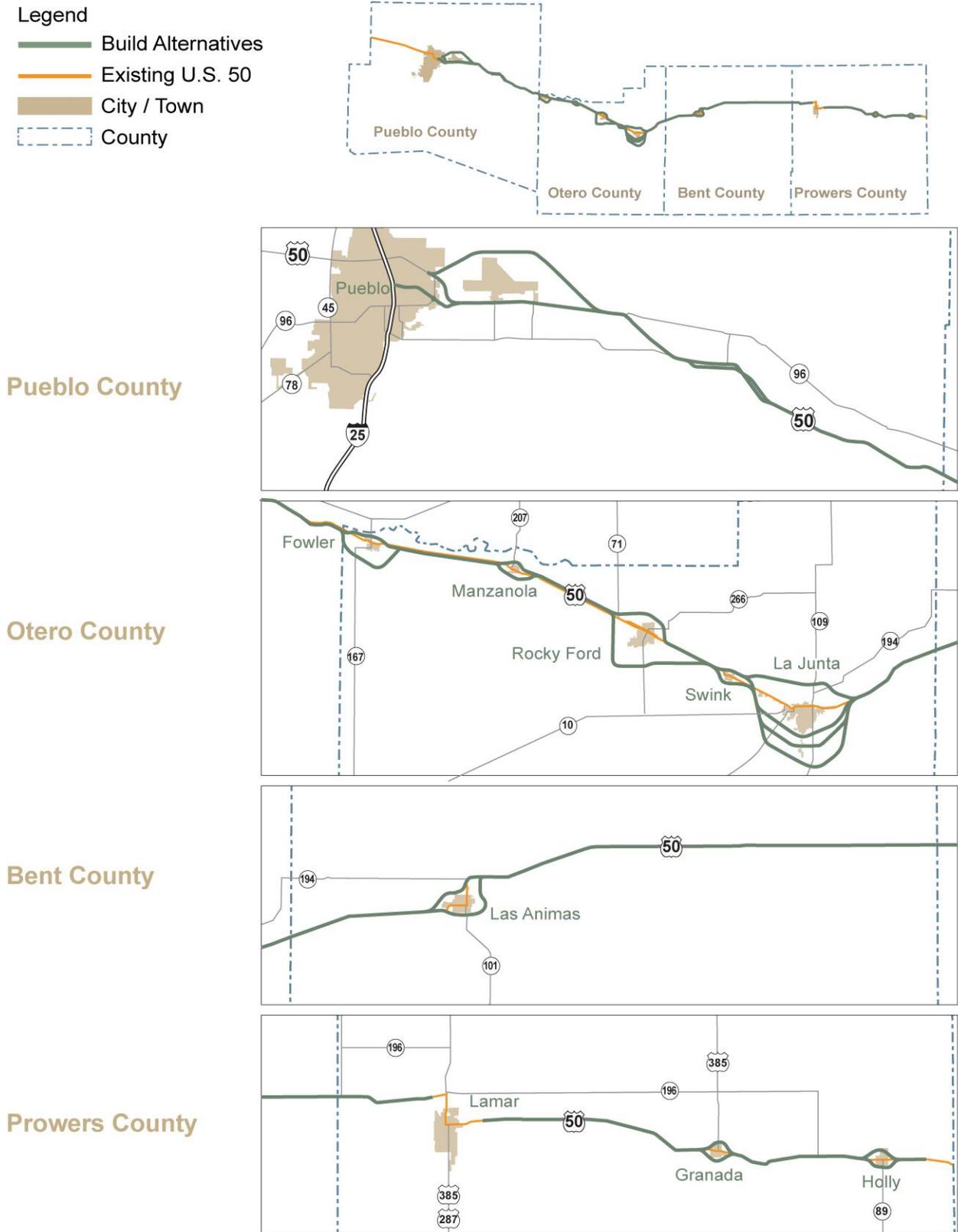


Figure 6-1. Build Alternatives Overview

Potential use of Section 4(f) resources and potential conversion of Section 6(f) resources resulting from the Build Alternatives is discussed below.

6.2.1. Section 4(f) Resources

The Build Alternatives have the potential to affect 64 to 84 historic and archaeological resources, depending on which Build Alternatives are chosen. These resources are listed in Table 6-1. Additional resources may be identified during Tier 2 studies and would be disclosed and analyzed at that time.

The linear resources are all historic (not archaeological) and include the BNSF Railway, Santa Fe National Historic Trail, Arkansas River levee at Las Animas, and irrigation canals and ditches. These resources are located throughout the project corridor, both near communities and in the areas between them. In many instances, U.S. 50 already crosses them, and, in some cases, it crosses them multiple times. For these resources, modifying existing crossings or adding new ones would not typically diminish the historic significance of the resource to any great degree. Also, since these resources could be crossed multiple times by the Build Alternatives, they may be listed more than once in Table 6-1. Each resource is listed at every location where it could be used by a Build Alternative.

The non-linear resources are primarily residences, businesses, and farm and ranch complexes. They also include bridges and irrigation infrastructure, among other types of resources. One of the bridges is the U.S. 50 bridge over the Huerfano River, which is listed in the National Register of Historic Places (NRHP) (5PE.302). Another bridge is the U.S. 50 bridge over the Rocky Ford Highline Canal, which has been determined to be officially eligible for the NRHP. Most of the non-linear resources are located in those areas of the Build Alternatives near or around communities.

The Build Alternatives could result in a potential use of up to 13 parklands or recreational resources, depending on which alternatives are chosen. These resources are listed in Table 6-1 and include two public golf courses, the John Martin Reservoir State Park and State Wildlife Area, three additional State Wildlife Areas (not including the John Martin Reservoir), four existing pedestrian trails, two planned trails, and one school recreational facility. Because some of the trails are regional (i.e., located across multiple jurisdictions), they are listed multiple times. They are listed at every location where the Build Alternatives could result in a use of the resource.

Since no wildlife or waterfowl refuges were identified within the project area, there would be no use of refuges under Section 4(f).

Table 6-1. Potential Use of Section 4(f) Resources for the Build Alternatives by U.S. 50 Corridor Sections

Section	Build Alternatives (if more than one)	Number of Resources	Description	Type of Resource	National Register Eligibility ¹
Section 1: Pueblo	Alternative 1: Pueblo Airport North	2	BNSF Railway	Historic	FE
			Excelsior Ditch	Historic	FE
	Alternative 2: Pueblo Existing Alignment	4	BNSF Railway	Historic	FE
			Belmont Post-WWII subdivision	Historic	FE
			U.S. 50 bridge over Dry Creek (eastbound)	Historic	FE
	Alternative 3: Pueblo SH47 Connection	1	U.S. 50 bridge over Dry Creek (westbound)	Historic	FE
			BNSF Railway	Historic	FE
Section 2: Pueblo to Fowler	Alternative 1: Fort Reynolds Existing Alignment	16	Bridge	Historic	FE
			(6) Farms/Ranches	Historic	FE
			Rocky Ford Highline Canal Bridge	Historic	FE
			U.S. 50 bridge over Chico Creek (westbound)	Historic	FE
			U.S. 50 bridge over Chico Creek (eastbound)	Historic	FE
			U.S. 50 underpass, Ordnance Depot Road interchange	Historic	FE
			Fort Reynolds District	Historic/ Archaeological	FE
			BNSF Railway	Historic	FE
			Excelsior Ditch	Historic	FE
			Rocky Ford Highline Canal	Historic	FE
			Oxford Farmers Ditch	Historic	FE
	Alternative 2: Fort Reynolds Realignment	13	U.S 50 bridge over Rocky Ford Highline Canal	Historic	OE
			U.S. 50 bridge over Chico Creek (westbound)	Historic	FE
			U.S. 50 bridge over Chico Creek (eastbound)	Historic	FE

U.S. 50 Corridor East Tier 1 Draft Environmental Impact Statement
 Section 4(f) and Section 6(f) Resources Technical Memorandum

Section	Build Alternatives (if more than one)	Number of Resources	Description	Type of Resource	National Register Eligibility ¹
			U.S. 50 underpass, Ordnance Depot Road interchange	Historic	FE
			(5) Farms/Ranches	Historic	FE
			BNSF Railway	Historic	FE
			Excelsior Ditch	Historic	FE
			Rocky Ford Highline Canal	Historic	FE
			Oxford Farmers Ditch	Historic	FE
Section 3: Fowler	Alternative 1: Fowler North	5	Two-story foursquare house	Historic	FE
			BNSF Railway	Historic	FE
			Otero Canal	Historic	FE
			Cottonwood Links Golf Course	Parklands and recreational	n/a
	Alternative 2: Fowler South	2	Rocky Ford Highline Canal	Historic	FE
			Oxford Farmers Ditch	Historic	FE
Section 4: Fowler to Manzanola	—	5	BNSF Railway	Historic	FE
			US 50 bridge over Otero Canal	Historic	FE
			Catlin Canal	Historic	FE
			Otero Canal	Historic	FE
Section 5: Manzanola	Alternative 1: Manzanola North	4	BNSF Railway	Historic	FE
			Catlin Canal	Historic	FE
			Otero Canal	Historic	FE
	Alternative 2: Manzanola South	3	Catlin Canal	Historic	FE
			Otero Canal	Historic	FE
Section 6: Manzanola to Rocky Ford	—	4	Building ruin	Historic	FE
			BNSF Railway	Historic	FE
			Main Leach Canal	Historic	FE

Section	Build Alternatives (if more than one)	Number of Resources	Description	Type of Resource	National Register Eligibility ¹
Section 7: Rocky Ford	Alternative 1: Rocky Ford North	4	BNSF Railway	Historic	FE
			Main Leach Canal	Historic	FE
			Rocky Ford Canal	Historic	FE
	Alternative 2: Rocky Ford South	8	Canal (Structure)	Historic	FE
			Barn	Historic	FE
			BNSF Railway	Historic	FE
			Catlin Canal	Historic	FE
			Otero Canal	Historic	FE
			Rocky Ford Canal	Historic	FE
Rocky Ford Highline Canal	Historic	FE			
Section 8: Rocky Ford to Swink	—	2	U.S. 50 bridge over Timpas Creek	Historic	FE
			BNSF Railway	Historic	FE
Section 9: Swink	Alternative 1: Swink North	3	Migrant workers housing	Historic	FE
			Mary's Fruit Stand	Historic	FE
			BNSF Railway	Historic	FE
	Alternative 2: Swink South	2	Building	Historic	FE
			BNSF Railway	Historic	FE
Section 10: La Junta	Alternative 1: La Junta North	5	BNSF Railway	Historic	FE
			Santa Fe National Historic Trail	Historic	Natl. Trail
			Fort Lyon Canal	Historic	FE
	Alternative 2: La Junta South	5	BNSF Railway	Historic	FE
			Otero Canal	Historic	FE
			Santa Fe National Historic Trail	Historic	Natl. Trail
	Alternative 3: La Junta South	6	Otero Ditch tunnel	Historic	FE
			BNSF Railway	Historic	FE
			Otero Canal	Historic	FE
			Santa Fe National Historic Trail	Historic	Natl. Trail
	Alternative 4: La Junta South	5	BNSF Railway	Historic	FE
Santa Fe National Historic Trail			Historic	Natl. Trail	
Otero Canal			Historic	FE	

U.S. 50 Corridor East Tier 1 Draft Environmental Impact Statement
 Section 4(f) and Section 6(f) Resources Technical Memorandum

Section	Build Alternatives (if more than one)	Number of Resources	Description	Type of Resource	National Register Eligibility ¹
Section 11: La Junta to Las Animas	—	7	U.S. 50 bridge over Thompson Arroyo (westbound)	Historic	FE
			U.S. 50 bridge over Thompson Arroyo (eastbound)	Historic	FE
			BNSF Railway	Historic	FE
			Consolidated Ditch	Historic	FE
			Jones Ditch	Historic	FE
Section 12: Las Animas	Alternative 1: Las Animas North	7	BNSF Railway	Historic	FE
			Santa Fe National Historic Trail	Historic	Natl. Trail
			Arkansas River Levee at Las Animas	Historic	FE
			Consolidated Ditch	Historic	FE
			Las Animas Town Ditch	Historic	FE
	Las Animas Golf Course	Parklands and recreational	n/a		
	Alternative 2: Las Animas South	5	BNSF Railway	Historic	FE
			Consolidated Ditch	Historic	FE
			Arkansas River Levee at Las Animas	Historic	FE
			Old U.S. 50 Segment	Historic	FE
Section 13: Las Animas to Lamar	—	25	U.S. 50 bridge over McCrae Arroyo	Historic	FE
			U.S. 50 bridge over a draw	Historic	FE
			U.S. 50 bridge over Limestone Creek	Historic	FE
			Residence	Historic	FE
			Higley Gems	Historic	FE
			Hasty post office/mercantile	Historic	FE
			(3) Barns	Historic	FE
			(6) Farmsteads	Historic	FE
			Millers Ditch	Historic	FE
			Lubers Drainage Ditch	Historic	FE
			McClave Drainage Ditch	Historic	FE
			Sunflower Ditch	Historic	FE
			Riverview Ditch	Historic	FE
			Amity Canal	Historic	FE
Vista Del Rio Ditch	Historic	FE			

Section	Build Alternatives (if more than one)	Number of Resources	Description	Type of Resource	National Register Eligibility ¹
			Santa Fe National Historic Trail	Historic	Natl. Trail
			John Martin Reservoir State Park and State Wildlife Area	Parklands and recreational	n/a
Section 14: Lamar to Granada	—	6	U.S. 50 bridge over Willow Creek overflow	Historic	FE
			Farmhouse	Historic	FE
			Manvel Canal	Historic	FE
			Lamar Canal	Historic	FE
			Mike Higbee State Wildlife Area	Parklands and recreational	n/a
Section 15: Granada	Alternative 1: Granada North	5	Residence	Historic	FE
			BNSF Railway	Historic	FE
			Granada Ditch	Historic	FE
			X-Y Canal	Historic	FE
	Alternative 2: Granada South	3	X-Y Canal	Historic	FE
			Granada school District Property	Parklands and recreational	n/a
			Prowers County (planned) trails	Parklands and recreational	n/a
Section 16: Granada to Holly	—	9	Residence	Historic	FE
			U.S. 50 bridge over Granada Creek	Historic	FE
			U.S. 50 overpass, BNSF railroad separation	Historic	FE
			Gateway Downs (former horseracing track)	Historic	FE
			BNSF Railway	Historic	FE
			X-Y Canal	Historic	FE
			Granada Ditch	Historic	FE
			Granada State Wildlife Area	Parklands and recreation	n/a

Section	Build Alternatives (if more than one)	Number of Resources	Description	Type of Resource	National Register Eligibility ¹
Section 17: Holly	Alternative 1: Holly North	8	Residence	Historic	FE
			Farm or Ranch	Historic	FE
			Santa Fe National Historic Trail	Historic	Natl. Trail
			Holly Ditch	Historic	FE
			Buffalo Canal	Historic	FE
			Holly State Wildlife Area	Parklands and recreation	n/a
			Prowers County (planned) trails	Parklands and recreational	n/a
	Alternative 2: Holly South	4	BNSF Railway	Historic	FE
			Holly State Wildlife Area	Parklands and recreation	n/a
			Prowers County (planned) trails	Parklands and recreational	n/a
Section 18: Holly Transition	—	4	Holly rest area	Historic	FE
			Holly Ditch	Historic	FE
			Buffalo Canal	Historic	FE
			Santa Fe National Historic Trail	Historic	Natl. Trail

¹National Register eligibility: NHL = National Historic Landmark, NR = National Register, SR = State Register, OE = Officially Determined Eligible, FE = Field Eligible, ND = Needs Data, and Natl. Trail = Nationally Recognized Trail. More information about NRHP eligibility can be found in the U.S. 50 Tier 1 EIS Historic and Archaeological Resources Technical Memorandum.

6.2.2. Section 6(f) Resources

None of the identified Section 6(f) resources would be directly converted to a non-recreational use by the Build Alternatives because most are located in the communities along U.S. 50, which would be avoided by the Build Alternatives. However, access to one potentially obsolete Section 6(f) resource may be affected. The former Baxter Elementary School is located in Pueblo County and its associated park is identified as a Section 6(f) resource. Access to the park is directly from U.S. 50. However, the school was closed in the 1980s and the park appears to be in disrepair. Whether this access is impeded and/or the property is acquired, which could result in the conversion of a Section 6(f) resource if the park is not determined to be obsolete, will be determined during the Tier 2 study in this area when the roadway footprint is identified. Regardless, it is anticipated that the existing access to the old school could be retained.

7. Mitigation Strategies

Since the ultimate roadway footprint would be identified during Tier 2 studies, this Tier 1 analysis cannot identify which specific Section 4(f) or Section 6(f) resources would be affected (i.e., used or converted) by the Build Alternatives. However, the following mitigation strategies have been developed to ensure that negative effects to these resources are minimized during Tier 2 studies.

7.1. Section 4(f) Historic and Archaeological Resources

The following mitigation strategies were agreed to as part of the U.S. 50 Tier 1 Section 106 Programmatic Agreement. This agreement outlines how historic resources will be identified and evaluated in the U.S. 50 Tier 1 EIS. It was developed and signed by representatives from the lead agencies (CDOT and FHWA) and the State Historic Preservation Officer.

- When a preferred alternative is chosen, the lead agencies will meet with the Colorado State Historic Preservation Officer and the Section 106 consulting parties “to discuss appropriate mechanisms for avoiding, minimizing and mitigating adverse effects” to historic and archaeological resources (U.S. 50 Tier 1 Section 106 PA, Sect III(B)(3)).
- “Resolution of adverse effects for individual properties will occur... during Tier 2 studies when more detailed engineering plans are developed. During Tier 2, adverse effects will be addressed in accordance with standard Section 106 process” (U.S. 50 Tier 1 Section 106 PA, Sect III(A)(5)).

7.2. Section 4(f) Parklands and Recreational Resources

The following mitigation strategies were developed.

- If Tier 2 studies result in effects to the Cottonwood Links Golf Course in Fowler, town officials have indicated in the past that they would be amenable to altering the course layout (CDOT 2002). To minimize disruption and loss of revenue to the facility, new holes should be constructed prior to affecting the existing ones, and changes to the course should be made during the course’s low-use season (the course is open year-round).
- If Tier 2 studies result in a direct effect to State Wildlife Areas, including the John Martin Reservoir State Park and State Wildlife Area, a Section 4(f) analysis will be required. CDOT will coordinate with the manager/owner of the resource to identify mitigation during Tier 2 studies and implement measures to minimize harm.
- If Tier 2 studies result in a direct use of the Granada School District Property, CDOT will undertake its property acquisition process. Also, CDOT should evaluate possible increases in traffic noise that could result from this impact.
- If Tier 2 studies result in effects to trails managed by local government entities or CPW, CDOT should work with these agencies to maintain the operation of the trails. CDOT also should incorporate reasonable measures to enable the continued operation of the trails during construction.

7.3. Section 6(f) Resources

All acquisitions and relocations will comply fully with the required land-for-land mitigation, as described in the LWCF Act of 1965. In addition, there will be compliance with the federal and state requirements, including the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (Uniform Act), as amended.

8. References

- Black, T. Colorado Division of Wildlife. Consultation about newly established (interim) state wildlife areas. 20 Apr. 2009..
- Colorado Department of Transportation (CDOT). *A Corridor Selection Study: A Plan for U.S. 50*. Colorado Springs, CO: Colorado Department of Transportation (CDOT) Region 2, Sep. 2003. Print.
- Colorado Department of Transportation (CDOT). Notes from bus tour conducted in Fowler, Colorado, as part of *A Corridor Selection Study: A Plan for U.S. 50*. Colorado Department of Transportation (CDOT) Region 2, 2 May 2002. Print.
- Colorado Department of Transportation (CDOT). *U.S. 50 Tier 1 EIS Agency Scoping Report*. Colorado Springs, CO: Colorado Department of Transportation (CDOT) Region 2, 23 Feb. 2006. Print.[CDOT 2006a]
- Colorado Department of Transportation (CDOT). *U.S. 50 Tier 1 EIS Section 4(f) Resources Evaluation Data Collection Summary*. Colorado Springs, CO: Colorado Department of Transportation (CDOT) Region 2, Sep. 2006 and Oct. 2006. Print. [CDOT 2006b]
- Colorado Division of Wildlife (CDOW). *Colorado State Wildlife Area (SWA) Boundaries*. ESRI ArcGIS 9.0. Published 17 Apr. 2003.
- Colorado Division of Wildlife (CDOW). *Colorado State Wildlife Areas (SWA)*. Web. Jul. 2009. <<http://wildlife.state.co.us/LandWater/StateWildlifeAreas/>>.
- Colorado Division of Wildlife (CDOW). Consultation with CDOW staff [T. Black, M. Smith, and B. Will] regarding state wildlife areas (SWAs) in the project area, including purpose(s), use(s), funding, and other information relevant to a Section 4(f) analysis of these properties. 5 Nov. 2007.
- Council on Environmental Quality (CEQ). *Regulations for Implementing NEPA*. 40 CFR Parts 1500-1508. 1978.
- Eckhardt, C. *Scoping Comments from the National Park Service (NPS) for the U.S. 50 Tier 1 Environmental Impact Statement (EIS) Project*. 2 Mar. 2006.
- U.S. Department of Transportation. Federal Highway Administration (FHWA). *Section 4(f) Policy Paper*. Washington, D.C. 1 Mar. 2005.
- Hallock, D. Consultation regarding Section 6(f) properties recorded by the Bureau of Land Management (BLM). 31 May 2006 and 2 Jun. 2006.
- Goes, M. Consultation regarding Section 6(f) properties recorded by the Colorado State Parks. 3 Oct 2006.
- Linner, S. Consultation regarding U.S. Fish and Wildlife Service (USFWS) approval of the U.S. 50 Tier 1 EIS's list of 6(f) properties in the project area. 29 Jun. 2006.
- Minkin, M. Consultation regarding Section 6(f) properties recorded by the Colorado State Parks. 3 May 2006.
- National Environmental Policy Act of 1969 (NEPA) Regulations. 23 CFR 771. 1987.
- National Park Service (NPS). *Approximate Location of the Santa Fe National Historic Trail*. ESRI ArcGIS 9.2. Obtained from National Park Service staff on 27 Feb. 2008. [NPS 2008a]

National Park Service (NPS). *Land and Water Conservation Fund (LWCF) Projects by County*. Web. 20 May 2006. <<http://waso-lwcf.ncrc.nps.gov/public/index.cfm>>.

National Park Service (NPS). *U.S. 50 Tier 1 EIS National Park Service Consultation Meeting Minutes*. Denver, CO: Colorado Department of Transportation (CDOT) Region 2, 15 Feb. 2008. Print. [NPS 2008b]

Nicholas, P. Consultation regarding Section 6(f) properties recorded by the Colorado Division of Wildlife (CDOW). 31 May 2006 (phone and email), 9, 21, and 26 Jun. 2006.

Programmatic Agreement among the Colorado Department of Transportation (CDOT), the Federal Highway Administration (FHWA), and the State Historic Preservation Officer (SHPO) regarding implementation of the U.S. Highway 50 Corridor East Project (U.S. 50 Tier 1 Section 106 PA). 25 Jun. 2007.

Rinella, S. Consultation regarding Section 6(f) properties recorded by the U.S. Forest Service (USFS). 31 May 2006.

U.S. Congress. Land and Water Conservation Fund Act of 1965, Section 6(f). 16 USC 460-4 to 460-11.

U.S. Congress. National Environmental Policy Act of 1969 (NEPA). 42 USC 4321-4347. 1969.

U.S. Department of Transportation (USDOT) Act of 1966, Section 4(f) Regulations. 23 CFR 771.135.

U.S. Department of Transportation (USDOT) Act of 1966, Section 4(f). 23 USC 303. 1966.

Young-Dubovsky, C. Consultation regarding Section 6(f) properties recorded by the U.S. Fish and Wildlife Service (USFWS). 3, 22, 24, and 30 May 2006.

Appendices

This page left intentionally blank.

Appendix A. Resource Methodology Overview for Section 4(f) and Section 6(f) Resources

This resource methodology overview is attached to this technical memorandum for reference only. The lead agencies for the U.S. 50 Tier 1 EIS (CDOT and FHWA) drafted resource methodology overviews to identify and document which resource evaluation activities would be completed during the Tier 1 EIS, and which would be completed during Tier 2 studies. These overviews were intended to be guidelines to ensure that the Tier 1 EIS remained a broad-based analysis, while clarifying (to the public and resource agencies) when particular data and decisions would be addressed in the tiered process. These overviews were approved by the lead agencies, and they were agreed upon by the resource agencies during the project’s scoping process. They were subsequently used by the project’s resource specialists as guidelines to ensure that their activities were relevant to the Tier 1 (corridor location) decision.

Table A-1. Resource Methodology Overview for Section 4(f) and Section 6(f) Resources

Methodology Overview	Section 4(f)/Section 6(f) Resources	
	Tier 1	Tier 2
Relevant Data/ Information Sources	<ul style="list-style-type: none"> Data from federal land management plans, open space and recreation plans, and GIS databases Information requests from park and recreation land managers, including use of LWCF grant funds File searches and coordination with the Colorado Office of Archaeology and Historic Preservation, SHPO, USFS, BLM, USFWS, NPS, CDOW, Colorado State Parks, and county and municipal planners 	Data sources sufficient for standard NEPA documentation
Collection and/or Analysis Methodology	<ul style="list-style-type: none"> Determine presence and/or absence of Section 4(f)/Section 6(f) properties using basic corridor information Analyze avoidance, minimization, or mitigation options for direct or indirect impacts, with avoidance being the priority Analyze potential use of Section 4(f) resources by overlaying the corridor footprint over the inventoried and identified properties; Section 4(f) historic property boundaries will be developed consistent with historic resource methodologies; other Section 4(f) property boundaries will be determined from available mapping consistent with Tier 1 levels of detail Coordinate avoidance and minimization with the appropriate agencies responsible for the resources 	<ul style="list-style-type: none"> Confirm Tier 1 assumptions and analysis of eligible Section 4(f)/Section 6(f) properties and identify any new properties that surface during Tier 2 Determine uses of Section 4(f) properties for each alternative

Methodology Overview	Section 4(f)/Section 6(f) Resources	
	Tier 1	Tier 2
Project Area	One to four miles wide surrounding the existing U.S. 50 facility beginning at I-25 in Pueblo to the Colorado-Kansas state line	Tier 2 specific SIU corridor boundaries
Impacts	<ul style="list-style-type: none"> Determine the presence and/or absence of Section 4(f) and Section 6(f) properties within the preferred corridor Identify impacts that could prohibit corridor location alternatives Use all possible planning to minimize harm to Section 4(f) and Section 6(f) resources; ensure opportunities to minimize harm at subsequent stages in the development process have not been precluded by decisions made at Tier 1 	Identify direct or indirect impacts to Section 4(f) properties within the Tier 2 SIU
Mitigation Options	Resource avoidance will be the primary mitigation options	Avoidance, minimization, or mitigation options will be determined during Tier 2 studies
Deliverables	Section 4(f) and Section 6(f) Resources Technical Memorandum will include description and boundaries of resource, description of potential use, avoidance alternatives, and possible efforts to minimize harm	Section 4(f) Evaluation, including documentation of avoidance, minimization, and mitigation strategies as appropriate for Tier 2 SIU level of NEPA documentation
Regulatory Guidance/ Requirements	<ul style="list-style-type: none"> 23 CFR 771.135 Environmental Impact and Related Procedures U.S. Department of Transportation Act of 1966, Section 4(f) (49 USC 303) (23 USC 303) Land and Water Conservation Fund Act of 1965, Section 6(f) (16 USC 460-4 to 460-11) The Historic Bridge Program (23 USC 144(o)) Programmatic Agreement Wilderness Act of 1964 (16 USC 1131-1136) National Trails System Act of 1968 (16 USC 1241-1249) National Recreational Trails Program (23 USC 206) FHWA Technical Advisory T6640.8a FHWA Section 4(f) Policy Paper CDOT, FHWA, and SHPO Section 106/Tier 1 PA 	

Appendix B. Abbreviations and Acronyms

APE	Area of Potential Effect
BLM	Bureau of Land Management
BNSF	Burlington Northern Santa Fe Railway
CDOT	Colorado Department of Transportation
CADOW	Colorado Division of Wildlife
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
CPW	Colorado Parks and Wildlife
CR	County Road
EA	Environmental Assessment
EIS	Environmental Impact Statement
FHWA	Federal Highway Administration
FONSI	Finding of No Significant Impact
LWCF	Land and Water Conservation Fund
MAP-21	Moving Ahead for Progress in the 21 st Century Act of 2012
NEPA	National Environmental Policy Act of 1969
NPS	National Park Service
NRHP	National Register of Historic Places
Section 4(f)	U.S. Department of Transportation Act of 1966, Section 4(f)
Section 6(f)	Land and Water Conservation Fund Act of 1965, Section 6(f)
SH	State Highway
SIU	Section of Independent Utility
Uniform Act	Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970
U.S. 287	United States Highway 287
U.S. 50	United States Highway 50
U.S. 50 Tier 1 EIS	United States Highway 50 Tier 1 Environmental Impact Statement
USC	United States Code
USFS	United States Forest Service
USFWS	United States Fish and Wildlife Service

This page left intentionally blank.

Appendix C. Section 4(f) Review Form

4(f) Review Form

Review conducted on:

Review conducted by:

4(f) Resource:

Location (see below)

- Jurisdiction:
- Address:

Owner:

Administrator:

Use, purpose or function (see below)

- Primary:
- Others (secondary):
- Special event use? Yes or No – if yes, explain (include the frequency of the event(s)):

Is noise a factor for any of the above uses? Yes or No (if yes, see below)

- Which portions of the facility are noise sensitive:
- Why are those portions noise sensitive:

Open to the public? Yes or No

Major user groups (kids, seniors, EJ):

Hours of operation:

Is access limited during normal operating hours? Yes or No (if yes, see below)

- By user? Yes or No – if yes, explain:
- Appointment, permit or membership required? Yes or No – if yes, what conditions apply?
- Is a user fee required? Yes or No – if yes, describe the fee structure:

Other relevant information or person(s) spoken to during this review:

This page left intentionally blank.

Appendix D. Historic and Archaeological Resources

The following tables show the non-linear historic and archaeological resources (Table D-1) and linear historic resources (Table D-2) identified for the U.S. 50 Tier 1 EIS project area.

Table D-1. Non-Linear Historic and Archaeological Resources by Location

Location	Address	Property Name	Smithsonian Number	Built Date	National Register Eligibility ¹
Pueblo	1906 N. Hudson Ave.	Movie theater		NA	FE
Pueblo	1901 N. Hudson Ave.	Community Corrections Services		1962	FE
Pueblo	Hudson Ave. and Ruppel St.	Central Christian Church		NA	FE
Pueblo	Bounded (generally) by Bonforte Blvd. on the north and west, Macalester Rd. on the east, and Constitution Rd. and Ruppel St. on the south	Belmont Post-WWII subdivision		1952	FE
Pueblo	1301 Anita St.	American International		1964	FE
Pueblo	1436 E. 19th St.	Residence		1951	FE
Pueblo	1401 Anita St.	Dentist's office		1968	FE
Pueblo	2104 N. Norwood Ave.	Commercial building		NA	FE
Pueblo	1376 Anita St.	Immaculate Heart of Mary Chapel		NA	FE
Pueblo	1827 Ogden	Minimal traditional ranch		1946	FE
Pueblo	2002 E. 16th St.	Minimal traditional ranch		1951	FE
Pueblo	2002 E. 15th St.	Pueblo Revival		1939	FE
Pueblo	2004 E. 16th St.	Minimal traditional ranch		1951	FE
Pueblo	2005 E. 16th St.	Residence		1955	FE
Pueblo	2006 E. 16th St.	Minimal traditional ranch		1951	FE
Pueblo	2011 E. 15th St.	Hipped box residence		1951	FE
Pueblo	2015 E. 15th St.	Hipped box residence		1951	FE
Pueblo	2030 E. 15th St.	Residence		1945	FE
Pueblo	2125 E. 13th St.	Residence		1955	FE
Pueblo	2134 E. 15th St.	Classic cottage		1924	FE
Pueblo	2130 E. 15th St.	Ranch-style residence		1924	FE
Pueblo	2300 Vanita Ave.	Spann Elementary School		NA	FE
Pueblo	Milepost 318.1	U.S. 50 bridge over Dry Creek (eastbound) (K-18-BZ)		1958	FE

Location	Address	Property Name	Smithsonian Number	Built Date	National Register Eligibility ¹
Pueblo	Milepost 318.1	U.S. 50 bridge over Dry Creek (westbound) (K-18-BY)		1958	FE
Pueblo	2506 E. 11th St.	Residence		1954	FE
Pueblo	2510 E. 11th St.	Residence		1952	FE
Pueblo	2602 E. 7th St.	Residence		1952	FE
Pueblo	2608 E. 12th St.	Apostolic Assembly of the Faith Church		1958	FE
Pueblo	2613 E. 7th St.	Residence		1948	FE
Pueblo	701 Beaumont Ave.	Garage (brick)		NA	FE
Pueblo	729 Beaumont Ave.	Small agricultural property		1951	FE
Pueblo	2701 E. 12th St.	St. Anne's Catholic Church		1955-1956	FE
Pueblo	2711 E. 7th St.	Raised cottage		1954	FE
Pueblo	2801 E. 11th St.	Apodaca basement residence		1956	FE
Pueblo	2801 E. 10th St.	Residence		1954	FE
Pueblo	2802 Juan Madrid St.	Residence		NA	FE
Pueblo	2802 E. 10th St.	Residence		NA	FE
Pueblo	2700 E. 4th St.	BMC West Building Materials		NA	FE
Pueblo	204 Mead	Adobe residence		NA	FE
Pueblo	723 Kennie Rd.	Adobe commercial building and warehouses		NA	FE
Pueblo	813 Kennie Rd.	Ortiz Farm Equipment warehouse		1957	FE
Pueblo	519 Kennie Rd.	Vigil residence		1954	FE
Pueblo	1000 Kennie Rd.	Don's Sportscar Salvage frame warehouse		1946	FE
Pueblo	301 25th Lane	Zitnik farm		1900 (barn)	FE
Pueblo	28900 E. SH 96	Turner Bros. Trucking Co. (Pueblo Disposal)		1958	FE
Pueblo to Fowler		Archaeological resource	5PE.4300		ND
Pueblo to Fowler	Milepost 328.9	U.S. 50 bridge over Chico Creek (westbound) (K-19-Q)		1953	FE
Pueblo to Fowler	Milepost 328.9	U.S. 50 bridge over Chico Creek (eastbound) (K-19-U)		1953	FE

U.S. 50 Corridor East Tier 1 Draft Environmental Impact Statement
 Section 4(f) and Section 6(f) Resources Technical Memorandum

Location	Address	Property Name	Smithsonian Number	Built Date	National Register Eligibility ¹
Pueblo to Fowler	Milepost 329.1	U.S. 50 underpass, Ordnance Depot Road interchange (K-19-V)		1953	FE
Pueblo to Fowler		Archaeological resource	5PE.70		ND
Pueblo to Fowler	U.S. 50	Farm		1920	FE
Pueblo to Fowler	U.S. 50	Farm		1900, 1950	FE
Pueblo to Fowler		Fort Reynolds (archaeological resource)		1868	FE
Pueblo to Fowler		Huerfano Colony (archaeological resource)	5PE.814		ND
Pueblo to Fowler		Archaeological resource	5PE.813		ND
Pueblo to Fowler	Milepost 335.9	U.S. 50 bridge over the Huerfano River (L-19-B)	5PE.302	1921, 1948	NR
Pueblo to Fowler		Archaeological resource	5PE.69		ND
Pueblo to Fowler		Archaeological resource	5PE.5873		ND
Pueblo to Fowler	Milepost 344.6	U.S. 50 bridge over the Rocky Ford Highline Canal (L-20-B)		1932	OE
Pueblo to Fowler	U.S. 50	Ranch		1900	FE
Pueblo to Fowler	U.S. 50	Farm		1900	FE
Pueblo to Fowler	U.S. 50	Farm		1900	FE
Pueblo to Fowler	U.S. 50	Farm		1900	FE
Fowler	610 W. Grant St.	Fowler Modern High School		1954, 1964	FE
Fowler	601 W. Grant Ave.	Early high school/ Assembly of God Church	5OT.864	1917	FE
Fowler	302 10th St.	Montoya residence		1905	FE
Fowler	212 10th St.	Nesbit residence		1900	FE
Fowler	304 10th St.	Butterfield residence		1900	FE
Fowler	312 10th St.	Roe residence		1910	FE
Fowler	308 10th St.	Fellhauer residence		1908	FE
Fowler	301 10th St.	Snodgrass residence		1904	FE
Fowler	401 W. Cranston Ave.	Sunset West Apartments		1934, 1946	FE

Location	Address	Property Name	Smithsonian Number	Built Date	National Register Eligibility ¹
Fowler	312 9th St.	Vulgamore residence		1910	FE
Fowler	420 W. Santa Fe Ave.	Mora residence		1906	FE
Fowler	510 W. U.S. 50 (9th St. and Cranston Ave.)	Phat Willy's Diner		1930	FE
Fowler	324 W. Santa Fe Ave.	Maestas residence	5OT.911	1918	FE
Fowler	311 8th St.	Hobby residence		1900	FE
Fowler	208 8th St.	Wooters residence	5OT.904	1908	FE
Fowler	206 8th St.	Barela residence	5OT.906	1937, 1946	FE
Fowler	Cottonwood Lane and Railroad	Diven Packing Co. site		1910-1986	FE
Fowler	111 8th St.	Vulgamore residence	5OT.910	1901	FE
Fowler	109 8th St.	McCleary residence	5OT.908	1900	FE
Fowler	402 7th St.	Jensen residence		1904	FE
Fowler	208 7th St.	McKown residence		1903	FE
Fowler	202 7th St.	Griffy Family Funeral Home		1919	FE
Fowler	107 W. Florence	Fowler Christian Church		1912	FE
Fowler	310 Main St.	First Methodist Church		1920	FE
Fowler	308 Main St.	Bungalow/Rectory for the First Methodist Church		1920	FE
Fowler	210 Main St.	Valley Theater		1899	FE
Fowler	201 Main St.	Fowler State Bank		1908	FE
Fowler	112 E. Cranston Ave.	Fowler Tribune (newspaper)		1928	FE
Fowler	Between Main St. and 6th St., Park Ave. and Grant St.	Fowler City Park and water tower			FE
Fowler	114 E. Cranston Ave.	Fire department, city hall, and library		1925	FE
Fowler	101 Main St.	Corner Gas Station		1925	FE
Fowler	Railroad tracks and SH 167	Fowler Grain			FE
Fowler	34633 SH 167	Two-story foursquare house		1894	FE
Fowler	101 E. Santa Fe Ave.	Fowler Santa Fe depot	5OT.292	1913	OE
Fowler	34413 SH 167	Edwardian house		1900	FE
Fowler	34431 SH 167	Colonial Revival house		1910	FE
Fowler	Corner of Cranston Ave. and 6th St.	Automotive service center		1947	FE
Fowler	206 E. Cranston Ave. (U.S. 50)	Cross & Son's Auto Parts		1945	FE
Fowler	208 E. Santa Fe Ave.	Jensen's Processing Co.		1948	FE
Fowler	104 5th St.	Herring residence	5OT.945	1931	FE

U.S. 50 Corridor East Tier 1 Draft Environmental Impact Statement
Section 4(f) and Section 6(f) Resources Technical Memorandum

Location	Address	Property Name	Smithsonian Number	Built Date	National Register Eligibility ¹
Fowler	307 E. Cranston Ave.	Fowler Pool (WPA bath house)		1938, 1974	FE
Fowler	Florence Ave. between 2nd and 4th Sts.	Bungalow		1950s - 1960s	FE
Fowler	U.S. 50	Fowler Cemetery			FE
Fowler to Manzanola	Milepost 354.4	U.S. 50 bridge over the Otero Canal (L-21-A)		1947	FE
Fowler to Manzanola	KK Road	Kuhn site (agricultural)		1900	FE
Manzanola	U.S. 50	Grouping of commercial buildings		1920s	FE
Manzanola	115 S. Railroad St.	Holland residence		1890	FE
Manzanola	402 W. 1st St.	D&D Starter Repair		1948	FE
Manzanola	319 W. 2nd St.	Lopez residence		1937	FE
Manzanola	109 Canal St.	Residence		1918	FE
Manzanola	Grand Ave. and 1st St.	Armory		1921	FE
Manzanola	121 Grand Ave. (and S. Railroad St. by the canal)	Abandoned commercial site		1920	FE
Manzanola	209 S. Park St.	First Christian Church		1900	FE
Manzanola	114 Park St.	Clancy/Megosa residence		1930	FE
Manzanola	101 1st St.	Commercial garage			FE
Manzanola	Canal St. and Washington St. (521 N. Canal)	Building with Greek Revival elements		1914	FE
Manzanola	212 N. Grand Ave.	Manzanola Santa Fe depot	5OT.421	1913	NR
Manzanola	Park and 1st Sts.	General Merchandise & Lumber			FE
Manzanola	113 N. Park St.	Beauty shop		1906	FE
Manzanola	CR 11.5	Manzanola High School and Library		1921	FE
Manzanola	131 N. Park St.	Railway Hotel/ Manzanola Nazarene Church		1910	FE
Manzanola	300 N. Park St.	Colorado Food and Plant Co.			FE
Manzanola	Railroad St. and North Park St., between Manzanola Trade Co. and the canal	Seed company site			FE
Manzanola	405 N. Park St.	Lopez residence		1905	FE
Manzanola	North Park St. and Railroad St. (east of Park St.)	Manzanola Trading Co.		1904, 1953,	FE
Manzanola	501 N. Park St.	Wilson residence		1890	FE

Location	Address	Property Name	Smithsonian Number	Built Date	National Register Eligibility ¹
Manzanola	201 E. 1st St.	Vallejos residence			FE
Manzanola	204 Beaty Ave.	Bruno residence		1910	FE
Manzanola	SH 207	Miller site (ranch)		1915	FE
Manzanola	120 S. Railroad St.	Zamora residence		1904	FE
Manzanola	East of 11201	Motor Company and cabins			FE
Manzanola	Walnut St. and Railroad St. (east end of Manzanola)	Adobe migrant housing		1930	FE
Manzanola to Rocky Ford	Vroman	Building ruin		1905	FE
Manzanola to Rocky Ford	CR 15	Residence (abandoned)		1900	FE
Rocky Ford	CR 17.5	Barn		1900	FE
Rocky Ford	CR 17.5	Canal (structure)			FE
Rocky Ford	CR 17.5	Canal (structure)			FE
Rocky Ford	U.S. 50	House		1900	FE
Rocky Ford	18911 W. U.S. 50	Rusler Implement Co.		1939	FE
Rocky Ford	102 Elm Ave.	Gas station		1947	FE
Rocky Ford	1st St. and Elm Ave., next to Smith's Corner	Merlino's Corner		1946	FE
Rocky Ford	1st St. and Elm Ave.	Smith's Corner		1946	FE
Rocky Ford	2nd St. and Railroad St.	Rocky Ford growers			FE
Rocky Ford	214 Elm Ave.	Residence		1947	FE
Rocky Ford	Elm Ave. and 2nd St.	Welcome Center Park and obelisk			FE
Rocky Ford	Chestnut St.	Western Sugar Co. (American Sugar)		1900/ 1961/ 1992	FE
Rocky Ford	405 3rd St.	Dierks residence		1913	FE
Rocky Ford	404 3rd St.	Sanchez residence		1916	FE
Rocky Ford	410 3rd St.	Gomez residence		1920	FE
Rocky Ford	405 Elm Ave.	McKeefe residence		1944	FE
Rocky Ford	4th St. and Elm Ave.	Gary's Auto Sales & Services			FE
Rocky Ford	402 N. 4th St.	Residence (archaeological resource)	5OT.960		ND
Rocky Ford	415 Elm Ave.	Montoya residence		1937	FE
Rocky Ford	5th St. and Railroad Ave.	Rounded roof warehouse			FE
Rocky Ford	208 5th St. (corner of Elm Ave. and 2nd St.)	Bender residence		1903	FE
Rocky Ford	503 Elm Ave.	Head residence		1920	FE

U.S. 50 Corridor East Tier 1 Draft Environmental Impact Statement
Section 4(f) and Section 6(f) Resources Technical Memorandum

Location	Address	Property Name	Smithsonian Number	Built Date	National Register Eligibility ¹
Rocky Ford	200 N. 6th St.	Sadler residence		1910	FE
Rocky Ford	204 N. 6th St.	Sadler residence		1910	FE
Rocky Ford	206 N. 6th St.	Sadler residence		1910	FE
Rocky Ford	303 S. 8th St.	Pickrel residence		1936	FE
Rocky Ford	510 N. 6th St.	Ruiz residence		1900	FE
Rocky Ford	708 Railroad Ave.	Hollar and Company Inc.		1925, 1948,	FE
Rocky Ford	521 N. 6th St.	Lathrum residence		1900	FE
Rocky Ford	702 Elm Ave.	Rocky Ford Cooperative Creamery	5OT.863	1914	FE
Rocky Ford	207 S. 8th St.	Sinding house	5OT.111	1898	FE
Rocky Ford	Milepost 355.2	U.S. 50 bridge over the Rocky Ford Canal (L-22-I)		1934	FE
Rocky Ford	8th St. and Elm Ave. (801 or 807)	Residence			FE
Rocky Ford	S. 8th and Railroad Sts.	Hollar and Company Inc.		1925	FE
Rocky Ford	305-307 N. 8th St.	Ustick Funeral Home		1900, 1934,	FE
Rocky Ford	201 and 203 N. 9th St.	Commercial duplex		1900	FE
Rocky Ford	800 Elm Ave.	Auto clinic		1928	FE
Rocky Ford	411 N. 8th St.	Williams residence		1906	FE
Rocky Ford	405 S. Main St.	Grand Theatre	5OT.577	1935	SR
Rocky Ford	501 N. 8th St.	Holt residence		1898	FE
Rocky Ford	503 N. 8th St.	J.H. Price house	5OT.112	1900	NR
Rocky Ford	101 N. 9th St.	Glazed tile building			FE
Rocky Ford	505 N. 8th St.	Residence		1898	FE
Rocky Ford	507 N. 8th St.	Clifford residence		1906	FE
Rocky Ford	307 N. 9th St. (phone book 301 N. 9th St.)	BPOE #1147		1913	FE
Rocky Ford	Railroad Ave. and Main St.	Rocky Ford Santa Fe depot		1906	OE
Rocky Ford	401 9th St.	Rocky Ford Post Office		1933-1941	NR
Rocky Ford	202 S. Main St.	Boys and Girls Club of the Lower Arkansas Valley		1892	FE
Rocky Ford	200 S. Main St.	I.O.O.F. Hall		1901-1902	FE
Rocky Ford	405 S. 10th St.	First Baptist Church		1900, 1916	NR
Rocky Ford	110 N. Main St.	First Prize Food Processing		1902-1957	FE
Rocky Ford	1005 Sycamore St.	Carnegie Public Library	5OT.193	1908	NR

Location	Address	Property Name	Smithsonian Number	Built Date	National Register Eligibility ¹
Rocky Ford	10th St. and Railroad Ave.	RR Express building		1907	FE
Rocky Ford	501 N. Main St.	El Capitan Lounge	5OT.208	1894	FE
Rocky Ford	West corner of 10th St. and Elm Ave.	Heil Bean Inc.		Early 1900	FE
Rocky Ford	1011 Elm Ave.	Rocky Ford NAPA Auto Parts		1928	FE
Rocky Ford	501 N. 10th St.	Residence		1908	FE
Rocky Ford	206 N. 12th St.	Vigil residence		1900	FE
Rocky Ford	204 N. 12th St.	Steir residence		1898	FE
Rocky Ford	Railroad and 12th Sts.	Arkansas Valley Seeds		1920	FE
Rocky Ford	Bounded (generally) by Oak Ave. to the north, 8th St. to the west, 10th St. to the east, and Beech St. to the south	Arkansas Valley Fairgrounds	5OT.457	1880s -1901	NR
Rocky Ford	407 N. 12th St.	Valley Wide Health Services, migrant center		1900	FE
Rocky Ford	NE corner of 13th St. and (300 blk.) Elm Ave.	Porcelain tile industrial building		1950s - 1960s	FE
Rocky Ford	1300 or 1310 Elm Ave. (Cappuccino Coffee)	Commercial building with false front		1940	FE
Rocky Ford	1315 Elm Ave.	EDCO Metal Works		1940	FE
Rocky Ford	1500 Elm Ave.	Curve Court motel and neon sign		1940S	FE
Rocky Ford	20443 CR EE.25	Residence		1900	FE
Rocky Ford	20475 U.S. 50	Griffin-Holder Co. house		1908	FE
Rocky Ford	2050 U.S. 50	Residence		1905	FE
Rocky Ford	CR 20.5 and CR EE.25	Residence		1910	FE
Rocky Ford to Swink	Milepost 373.6	U.S. 50 bridge over Timpas Creek (L-22-AL)		1958	FE
Swink	U.S. 50 at railroad tracks	Migrant worker housing		1930	FE
Swink	CR 24 and CR CC	Residence		1900	FE
Swink	CR 24 and U.S. 50	Mary's Fruit Stand		1950	FE
Swink	Milepost 374.1	U.S. 50 underpass, BNSF Railway separation (L-22-H)		1928	FE
Swink	U.S. 50 and railroad tracks	U.S. 50 pump house		1946	FE
Swink	323 Holly Ave.	Thompson residence		1934	FE
Swink	321 Holly Ave.	Andress residence		1906	FE
Swink	316 Columbia Ave.	Residence		1926	FE
Swink	302 Columbia Ave.	Post office		1947	FE
Swink	301 Columbia Ave.	Town hall		1910	FE

U.S. 50 Corridor East Tier 1 Draft Environmental Impact Statement
Section 4(f) and Section 6(f) Resources Technical Memorandum

Location	Address	Property Name	Smithsonian Number	Built Date	National Register Eligibility ¹
Swink	307 Columbia Ave.	Estrada-Martinez residence		1945	FE
Swink	309 Columbia Ave.	Boley residence		1950-1957	FE
Swink	Columbia Ave. and 4th St.	Water tower		N.D.	FE
Swink	6th St. and Powers Ave.	School and New Deal gym		1954	FE
Swink	East of town	Holly Sugar			FE
La Junta	Milepost 376.9	U.S. 50 bridge over the Crooked Arroyo (westbound) (M-22-A)		1947	FE
La Junta	Milepost 376.9	U.S. 50 bridge over the Crooked Arroyo (eastbound) (M-22-K)		1955	FE
La Junta	Bounded by U.S. 50 to the north, SH 10 and Dalton Ave. to the west, and Potter Dr. to the south and east	Fairview Cemetery			FE
La Junta	U.S. 50 and Grant Ave.	Dean Pickle Food Co. Plant		1930/1949	FE
La Junta	901 W. 3rd St.	Southeast Colorado Power Assn.			FE
La Junta	814 W. 3rd St.	Industrial building			FE
La Junta	716 W. 2nd St.	Carrillo residence		1896	FE
La Junta	714 W. 2nd St.	Duplex		1922	FE
La Junta	302 Maple Ave.	Mt. Zion Baptist Church		1919	FE
La Junta	202 Lincoln Ave. (3rd St. and Maple Ave.) (Tax Assessor)	Our Lady of Guadalupe Roman Catholic Church		1923, 1926,	FE
La Junta	502 W. 5th St.	Whitfield residence		1897	FE
La Junta	317 Lincoln Ave.	Rangel residence		1900	FE
La Junta	309 Lincoln Ave.	Rosales residence		1900	FE
La Junta	321 Lincoln Ave.	Trantham residence		1900	FE
La Junta	416 2nd St.	Ly two-story apartment building		1900	FE
La Junta	403 W. 3rd St.	Star Drive-In Cleaners		1936	FE
La Junta	210 Carson Ave. (west side)	Norton apartment house		1900	FE
La Junta	122 Carson Ave. (west side)	Aragon residence	5OT.115	1906	FE
La Junta	324 Carson Ave.	Simpson residence		1900	FE
La Junta	314 4th St. W.	Jackson residence		1902	FE

Location	Address	Property Name	Smithsonian Number	Built Date	National Register Eligibility ¹
La Junta	303 W. 1st St.	WWF Feed & Supply/Atchison, Topeka and Santa Fe freight depot		1880	FE
La Junta	318 Belleview Ave.	Cardenas residence		1900	FE
La Junta	217 Belleview Ave.	Dubois residence		1900	FE
La Junta	315 Belleview Ave.	Daves residence		1897	FE
La Junta	1st St. and Belleview Ave.	Power plant			FE
La Junta	401 Belleview Ave.	Carr residence		1897	FE
La Junta	214 W. 3rd St.	Adobe building		1898	FE
La Junta	213 W. 3rd St.	Ruby's Auto Body		1927/ 1950	FE
La Junta	221 W. 4th St.	Rosa residence		1904	FE
La Junta	306 San Juan Ave.	Colosimo residence		1900	FE
La Junta	421/427 San Juan Ave.	Hibbs apartment house		1910	FE
La Junta	122 San Juan Ave.	Old auto body shop		1940- 1958	FE
La Junta	121 W. 2nd St.	R&J's Auto Body		1910	FE
La Junta	117 W. 2nd St.	Ron's Sign Shop		1900	FE
La Junta	4th St. and Colorado Ave.	La Junta post office	5OT.94	1916	NR
La Junta	1 W. 1st St.	Railroad office		1880- 1910	FE
La Junta	123 Colorado Ave.	Kit Carson Lounge	5OT.468	1901	SR
La Junta	17 E. 3rd St.	Service station/retail store		1934	FE
La Junta	309 Raton Ave.	Gonzales residence		1928	FE
La Junta	311 Raton Ave.	Gonzales residence		1915	FE
La Junta	315 Raton Ave.	Johnston residence		1900	FE
La Junta	317 and 319 Raton Ave.	Fraley bungalow duplex		1905	FE
La Junta	321 Raton Ave.	Nesselhuf residence		1905	FE
La Junta	424 Raton Ave. (lots 1-5)	U-shaped community (multiple owners)		1936	FE
La Junta	111 E. 4th St.	Parker residence		1900	FE
La Junta	114 Cimarron Ave.	Sno White Linen and Uniform		1915	FE
La Junta	306 Cimarron Ave.	Collier residence		1900	FE
La Junta	312 Cimarron Ave.	Marquez residence		1904	FE
La Junta	313 Cimarron Ave.	Pan residence		1897	FE
La Junta	301 Cimarron Ave.	Lane residence		1918	FE
La Junta	221 Cimarron Ave.	Freidenberger residence		1894	FE
La Junta	213 Cimarron Ave.	Brindle residence		1888	FE
La Junta	1st St. and Smithland Ave.	La Junta Mill and Elevator Co.		1889, 1929	FE

U.S. 50 Corridor East Tier 1 Draft Environmental Impact Statement
 Section 4(f) and Section 6(f) Resources Technical Memorandum

Location	Address	Property Name	Smithsonian Number	Built Date	National Register Eligibility ¹
La Junta	402 Smithland Ave.	Rosales residence		1897	FE
La Junta	412 Smithland Ave.	Residence Housing Authority		1900	FE
La Junta	306 Smithland Ave.	Residence		1920-1923	FE
La Junta	418 Smithland Ave.	Apodaca-Martinez residence		1887	FE
La Junta	302 Smithland Ave.	Guerrero residence		1909, 1920	FE
La Junta	422 Smithland Ave.	Campbell-Maraleta residence		1920	FE
La Junta	205 Smithland Ave.	Victory Chapel		1950	FE
La Junta	301 3rd St. and Smithland Ave.	Car care center		1928	FE
La Junta	305 E. 2nd St.	Martinez residence		1898	FE
La Junta	308 E. 2nd St.	Rivera residence		1918	FE
La Junta	403 E. 3rd St.	Commercial and apartments		1903	FE
La Junta	222 Steen Ave.	2-story apartment house		1892	FE
La Junta	214 and 214 ½ Steen Ave.	Residence		1908-1928	FE
La Junta	411 E. 3rd St.	Storage business with false front		1936	FE
La Junta	205 Lewis Ave.	Residence		1898	FE
La Junta	201 Lewis Ave.	El Rincon		1918	FE
La Junta	211 Lewis Ave.	Residence		1900	FE
La Junta	607 E. 2nd St.	Bogie Farm Golf Shop (commercial/residential)		1948	FE
La Junta	208 Harriet Ave.	Jimenez residence		1913	FE
La Junta	216 Harriet Ave.	Diaz residence		1929	FE
La Junta	218 Harriet Ave.	Duran residence		1910	FE
La Junta	302 Harriet Ave.	Guerrero residence		1908	FE
La Junta	716 E. 2nd St.	Residence		1896	FE
La Junta	714 E. 2nd St.	Residence		1922	FE
La Junta	717 E. 2nd St.	Jack's Body Shop		1934	FE
La Junta	202 Bradish Ave.	Giltner residence		1946	FE
La Junta	121 Bradish Ave.	R & M Enterprise		1949	FE
La Junta	1021 E. 3rd St.	Water plant			FE
La Junta	1202 E. 3rd St.	The Old Volks Home		1947	FE
La Junta	East of SH 109	Otero Ditch tunnel			FE
La Junta	30245 U.S. 50	Winter Livestock Co. and feed lots		1960	FE
La Junta	Milepost 381.9	U.S. 50 bridge over the Otero Canal (M-23-J)		1957	FE

Location	Address	Property Name	Smithsonian Number	Built Date	National Register Eligibility ¹
La Junta to Las Animas	Milepost 382.8	U.S. 50 bridge over the Thompson Arroyo (westbound) (M-23-A)		1931	FE
La Junta to Las Animas	Milepost 382.8	U.S. 50 bridge over the Thompson Arroyo (eastbound) (M-23-E)		1957	FE
La Junta to Las Animas		Archaeological resource	5OT.2		ND
La Junta to Las Animas		Archaeological resource	5OT.3		ND
La Junta to Las Animas	Milepost 387.0 on the north side of U.S. 50	Bent's Old Fort National Historic Site	5OT.149		OE
La Junta to Las Animas	Sandhill site	Archaeological resource	5OT.141		FE
La Junta to Las Animas	Prairie Dog site	Archaeological resource	5OT.534		FE
La Junta to Las Animas		Archaeological resource	5OT.536		FE
Las Animas	U.S. 50	Old U.S. 50 segment		1950	FE
Las Animas	U.S. 50	Las Animas/ Bent County Fairgrounds			FE
Las Animas	1436 6th St.	Residence			FE
Las Animas	655 Cottonwood	Moore residence	5BN.511	1922	FE
Las Animas	1214 Ambassador Thompson Blvd.	Bent County High School and cottages	5BN.382	1913	OE
Las Animas	1215 6th St.	Residence			FE
Las Animas	511 Ambassador Thompson Blvd.	Jenkins Auto			FE
Las Animas	Ash Ave. and Ambassador Thompson Blvd.	St. Paul Lutheran Church			FE
Las Animas	944 6th St.	Residence			FE
Las Animas	939 6th St.	Samuelson residence		1900	FE
Las Animas	924 6th St.	Residence			FE
Las Animas	919 6th St.	Vandiver residence		1900	FE
Las Animas	628 Vine Ave.	Residence			FE
Las Animas	616 Vine Ave.	Residence			FE
Las Animas	904 6th St.	Residence			FE
Las Animas	802 Ambassador Thompson Blvd.	Residence			FE
Las Animas	828 6th St.	Rhodes residence		1908	FE
Las Animas	821 6th St.	Residence			FE
Las Animas	805 5th St.	Residence			FE
Las Animas	624 Maple Ave.	Residence			FE

U.S. 50 Corridor East Tier 1 Draft Environmental Impact Statement
 Section 4(f) and Section 6(f) Resources Technical Memorandum

Location	Address	Property Name	Smithsonian Number	Built Date	National Register Eligibility ¹
Las Animas	648 Maple Ave.	Residence			FE
Las Animas	634 Maple Ave.	Residence			FE
Las Animas	625 Maple Ave.	Abensham residence		1904	FE
Las Animas	629 Maple Ave.	Residence			FE
Las Animas	627 Maple Ave.	Residence			FE
Las Animas	660 Maple Ave.	Residence			FE
Las Animas	746 5th St.	Bingham Dean residence		1898	FE
Las Animas	704 5th St.	Residence			FE
Las Animas	505 Locust Ave.	Graham house	5BN.453	1900	SR
Las Animas	6th St. and Locust Ave.	Former Episcopal church (Victory Outreach)			FE
Las Animas	502 Locust Ave.	Las Animas Christian Church	5BN.449	1920	NR
Las Animas	546 5th St.	B.T. Clough residence		1900	FE
Las Animas	513 6th St.	Las Animas post office			NR
Las Animas	653 Elm Ave.	Residence			FE
Las Animas	638 Elm Ave.	St. Mary's Church complex		1950-1960	FE
Las Animas	801 Carson Ave.	Atchison, Topeka and Santa Fe freight depot	5BN.480	1900-1920s	FE
Las Animas	510 Carson Ave.	Weber Chevrolet Company	5BN.489	1926	FE
Las Animas	506 Carson Ave.	King Solomon Lodge	5BN.452	1909-1918	SR
Las Animas	6th St. odd and even sides	Las Animas downtown	5BN.544	1900s	OE
Las Animas	725 Carson Ave.	Bent County Courthouse and Jail	5BN.99	1886-1989	NR
Las Animas	SH 101	D-Arcangelis house		1915	FE
Las Animas	300 block of 3rd St. (3rd St. and Bent Ave.)	VFW Hall		1938-1939	FE
Las Animas	221 U.S. 50	Liquor store			FE
Las Animas	333 8th St. and Railroad Ave.	Las Animas Santa Fe depot	5BN.415	1908	SR
Las Animas	316 Bent Ave.	Commercial front	5BN.472		FE
Las Animas	104 Bent Ave.	Freedom Bail Bonds/gas station		1955	FE
Las Animas	560 Bent Ave.	I.O.O.F. Hall, Lodge No. 11	5BN.466	1889	FE
Las Animas	Corner of 3rd St. and U.S. 50	Auto dealership			FE
Las Animas	8th St. and Carson Ave.	Fort Lyon Canal Company building		1950	FE
Las Animas	Between Vigil Ave. and Bent Ave. on 9th St.	Kit Carson Museum	5BN.475		FE

Location	Address	Property Name	Smithsonian Number	Built Date	National Register Eligibility ¹
Las Animas to Lamar	U.S. 50	Barn		1905	FE
Las Animas to Lamar	U.S. 50	Farmstead		1920s	FE
Las Animas to Lamar		Santa Fe Trail segment (archaeological resource)	5BN.391		FE
Las Animas to Lamar	U.S. 50	Residence		1900	FE
Las Animas to Lamar	Milepost 410.1	U.S. 50 bridge over the McCrae Arroyo (L-24-L)		1937	FE
Las Animas to Lamar	Town limits	Higley Gems			FE
Las Animas to Lamar	CR 24	Clave Farmstead		1900	FE
Las Animas to Lamar	101 Main St.	Hasty post office/ Mercantile	5BN.389	1900-1909	FE
Las Animas to Lamar	U.S. 50 and CR 26	Farmstead			FE
Las Animas to Lamar	Milepost 418.1	U.S. 50 bridge over a draw (L-25-E)		1937	FE
Las Animas to Lamar	U.S. 50	Barn		1900	FE
Las Animas to Lamar	Milepost 419.7	U.S. 50 bridge over Limestone Creek (L-25-N)		1937	FE
Las Animas to Lamar	U.S. 50	Farmstead			FE
Las Animas to Lamar	U.S. 50	Barn		1900	FE
Las Animas to Lamar	U.S. 50	Farmstead		1920	FE
Las Animas to Lamar	U.S. 50 and CR 33.5	Building		1890	FE
Lamar to Granada	Milepost 439.8	U.S. 50 bridge over the Willow Creek overflow (L-26-X)		1936	FE
Lamar to Granada	U.S. 50	Farmhouse		1900	FE
Lamar to Granada	CR 16	Roosevelt School		1923	FE
Lamar to Granada		Carlton town site (archaeological resource)	5PW.47		ND

U.S. 50 Corridor East Tier 1 Draft Environmental Impact Statement
 Section 4(f) and Section 6(f) Resources Technical Memorandum

Location	Address	Property Name	Smithsonian Number	Built Date	National Register Eligibility ¹
Granada	West Amache Road/CR FF and CR 23.5	Granada Relocation Center National Historic Landmark (a.k.a. Camp Amache) [water storage structure (archaeological resource)] ²	5PW.48 [5PW.103] ^b	1942	NHL
Granada	Off U.S. 50	Residence		1905	FE
Granada	U.S. 50	Cabins		1925	FE
Granada	U.S. 50	Gas station		1940	FE
Granada	104 Main St.	Granada Masonic Lodge		1889	FE
Granada	106 Goff Ave. (U.S. 50)	McMillan Barbershop		1930	FE
Granada		Old Granada Site (archaeological resource)	5PW.49		ND
Granada	U.S. 50 east of town	Southeastern Colorado Cooperative			FE
Granada		X-Y Ranch Headquarters			FE
Granada to Holly	U.S. 50	Residence		1910	FE
Granada to Holly	Milepost 455.6	U.S. 50 bridge over Granada Creek (L-27-M)		1933	FE
Granada to Holly	Milepost 456.0	U.S. 50 overpass, BNSF Railway separation (L-28-C)		1933	FE
Granada to Holly	U.S. 50	Gateway Downs (horseracing track, not in use currently)			FE
Holly	CR 34	Residence		1905	FE
Holly	107-109 N. 5th St.	Entz residence		1926	FE
Holly	105 N. 5th St.	Holly Christian Church			FE
Holly	205 5th St.	I.O.O.F. Hall		1949	FE
Holly	411 W. Colorado	Holly United Methodist Church		1929	FE
Holly	504 W. Buffalo St.	Sitts residence		1910	FE
Holly	201 N. Main St.	Shanner Elementary School		1920-1922	FE
Holly	508 W. Buffalo St.	Golden residence		1948	FE
Holly	302 S. Main St.	Holly Santa Fe depot	5PW.73	1912	NR
Holly	South of the intersection of Vinson St. and Main St.	Holly Barn			OE
Holly	115 S. Main St. (west side)	Holly Theatre		1908	FE

Location	Address	Property Name	Smithsonian Number	Built Date	National Register Eligibility ¹
Holly	Across from 201 N. Main St.	Holly Gymnasium		1937	NR
Holly	130 S. Main St. (east side)	L-M Healthmart & Variety		1900	FE
Holly	Santa Fe St. (2nd building east of Main St.)	Leiker Mercantile		Early 1900	FE
Holly	119 E. Cheyenne Ave.	Holly City Hall and Library	5PW.175	1938	NR
Holly	105 S. 2nd St.	Harrington residence		1918	FE
Holly		Grain complex		1910	FE
Holly	109 S. 1st St.	Residence			FE
Holly		Horse ranch complex		1900	FE
Holly	SH 89 and railroad	Southeast Colorado Cooperative		1950-1951	FE
Holly	U.S. 50	Willett's house		1950	FE
Holly Transition	Near milepost 467	Hadley rest area		1960	FE
Holly Transition		Trail City town site (archaeological resource)	5PW.53		ND

¹National Register eligibility: NHL = National Historic Landmark, NR = National Register, SR = State Register, OE = Officially Determined Eligible, FE = Field Eligible, ND = Needs Data, and Natl. Trail = Nationally Recognized Trail. More information about National Register eligibility can be found in the U.S. 50 Tier 1 EIS Historic and Archaeological Resources Technical Memorandum

²Contributing element to the resource listed

Table D-2. Linear Historic Resources by Location

Resource Location (County)	Resource Name	Smithsonian Number	Canal Decree	National Register Eligibility ¹
Pueblo	Excelsior Ditch		12/31/1861	FE
Pueblo and Otero	Rocky Ford Highline Canal		1/06/1890	FE
Pueblo and Otero	Oxford Farmers Ditch		Pre-1884	FE
Otero	Otero Canal		3/03/1890	FE
Otero	Catlin Canal	5OT120, 5OT120.1	12/03/1884, 4/10/1875	FE
Otero	Main Leach Canal		NA	FE
Otero	Rocky Ford Canal		5/15/1874	FE
Bent	Jones Ditch		Ca. 1896	FE
Bent	Consolidated Ditch		Ca. 1884	FE
Bent	Las Animas Town Ditch		3/07/1884	FE
Bent and Prowers	Fort Lyon Canal		4/15/1884	FE
Bent	McClave Ditch		Ca. 1884	Cont.
Bent	Sunflower Ditch		Ca. 1884	Cont.
Bent	Riverview Ditch		Ca. 1884	Cont.
Bent	Lubers Drainage Ditch		NA	FE
Bent	Miller's Ditch [ditch feature] ²		NA	FE
Bent	Arkansas River Levee at Las Animas		NA	FE
Bent and Prowers	Amity Canal		2/21/1887	FE
Prowers	Vista Del Rio Ditch		Ca. 1884	FE
Prowers	Lamar Canal		11/30/1875	FE
Prowers	Manvel Canal		10/14/1890	FE
Prowers	X-Y Canal		7/22/1889	FE
Prowers	Granada Ditch		7/22/1889	Cont.
Prowers	Buffalo Canal		1/29/1885	FE
Prowers	Holly Ditch		Ca. 1885	Cont.
Otero, Bent, and Prowers	Santa Fe National Historic Trail [trail segment] ²	5BN.391 (segment)		Natl. Trail
Pueblo, Otero, Bent, and Prowers	Atchison, Topeka and Santa Fe Railway (currently BNSF Railway) [trestle, trestle, other railroad resource] ²	5PW152, 5PW152.1, 5PW152.2, 5PW152.3 (ONE), 5PW152.4		OE

Ca. = Circa

¹National Register eligibility: NHL = National Historic Landmark, NR = National Register, SR = State Register, OE = officially determined eligible, FE = field eligible, ND = needs data, Cont. = contributing archaeological resource, and Natl. Trail = Nationally Recognized Trail; more information about National Register eligibility can be found in the U.S. 50 Tier 1 EIS Historic and Archaeological Resources Technical Memorandum

²Contributing element to the resource listed

This page left intentionally blank.

Appendix E. Parklands and Recreational Resources

Table E-1 lists the parklands and recreational resources identified for the U.S. 50 Tier 1 EIS.

Table E-1. Parklands and Recreational Resources by Location

Site Type	Site Name
Pueblo County	
Park	Galarraga Park (baseball field)
Pueblo	
Golf course	Walking Stick Golf Course
Park	University Park (Colorado State University–Pueblo campus)
Park	Drew Dix Park
Park	Belmont 35th Filing Park
Park	Belmont Park
Park	Portland Park
Park	Eastwood Park
Park	St. Anne’s Park
Park	Mitchell Park
Park	Trailhead Park
Park	El Centro de Quinto Sol
School recreational facility	Heaton School Park
School recreational facility	Belmont School Playground
School recreational facility	Haaff School Park
School recreational facility	East High School recreational facilities
School recreational facility	Franklin School Park
School recreational facility	Eastwood School Park
School recreational facility	Spann School Park
School recreational facility	Fountain School Park
School recreational facility	Park View School playground
School recreational facility	Risley School Park
Otero County	
State wildlife area	Rocky Ford State Wildlife Area
Fowler	
Golf course	Cottonwood Links Golf Course
Park	Fowler City Park
Pool	Fowler City Pool
School recreational facility	Fowler School District
Manzanola	
Park	Depot Park (planned facility)
Park	Manzanola Town Park
Park	Miller Park
School recreational facility	Manzanola Elementary School
School recreational facility	Manzanola Junior-Senior High School

Site Type	Site Name
Rocky Ford	
Fairgrounds	Arkansas Valley Fairgrounds
Golf course	Rocky Ford Golf Course
Park	Crystal Lake Park
Park	Depot Park
Park	Library Park
Park	Open space median
Park	Memorial Park
Park	Railroad Park
Park	Welcome Center Park
Park	Babcock Park
School recreational facility	Liberty Elementary School
Swink	
Park	Swink Town Park
School recreational facility	Swink Elementary School
School recreational facility	Swink Junior-Senior High School
La Junta	
Park	King Arroyo Mini Park
Park	Potter Park
Park	Santa Fe Park
Park	Veteran's Park
Park	Edison Park
Park	C.L. Red Crane Tot Park
Park	City Park
Park	Prairie View Heights Development
School recreational facility	La Junta Intermediate School
School recreational facility	Xeriscape Park
School recreational facility	College Overlook (Martinez) (Otero Junior College)
School recreational facility	Sports and Recreation Complex (Otero Junior College)
Bent County	
Park	Hasty Community Park
State park and State Wildlife Area	John Martin Reservoir State Park and State Wildlife Area
Las Animas	
Fairgrounds	Bent County/Las Animas Fairgrounds
Golf course	Las Animas Municipal Golf Course
Park	Leonard Hudnall Park
Park	Las Animas City Park
Park and swimming pool	Park/pool
Recreational facility	City baseball field
Recreational facility	County baseball fields
School recreational facility	Columbian Elementary School
School recreational facility	Las Animas Middle School
School recreational facility	Las Animas School District
School recreational facility	Memorial School (Jump Start Learning Center)

Site Type	Site Name
Prowers County	
Pedestrian trail	Pedestrian trail (surrounding Lamar)
National Historic Landmark	Granada Relocation Center (a.k.a. Camp Amache)
State Wildlife Area	Mike Higbee State Wildlife Area
State Wildlife Area	Granada State Wildlife Area
State Wildlife Area	Holly State Wildlife Area
State Wildlife Area	Midwestern Farms State Wildlife Area (interim site)
State Wildlife Area	Sisson State Wildlife Area (interim site)
Granada	
Park	Park
School recreational facility	Granada School District
Holly	
Park	Baseball fields
Park	Holly Gateway Park
School recreational facility	Holly Elementary School
School recreational facility	Holly School District
Planned trail	Pedestrian trail

This page left intentionally blank.

Appendix F. Section 6(f) Resources

Table F-1 lists the Section 6(f) resources identified for the U.S. 50 Tier 1 EIS.

Table F-1. Section 6(f) Resources Identified

Location	Number of Resources	Section 6(f) Resource	Project Sponsor ¹	Grant ID
Pueblo County	6	Avondale School Park #2	Pueblo School District 70	705
		Avondale School Rec. Area	Pueblo School District 70	418
		Baxter Elementary School Park (Divine School)	Pueblo School District 70	714
		Boone Elementary School Park (Futures Academy)	Pueblo School District 70	713
		McHarg Park Donation/Dev.	Pueblo County	494
		McHarg Park Phase II	Pueblo County	839
Pueblo	14	Portland School Park	City of Pueblo	794
		Drew Dix Neighborhood Park	City of Pueblo	700
		Drew Dix Park Dev. Phase II	City of Pueblo	844
		Eastwood Park Dev. Phase II	Pueblo School District 60	847
		El Centro De Quinto Sol (Recreation Center)	City of Pueblo	603
		Fountain Creek Trail	City of Pueblo	1057
		Fountain Creek Trail #3	City of Pueblo	787
		Fountain Creek Trail #4	City of Pueblo	924
		Haaff Park	Pueblo School District 60	930
		Heaton Neighborhood Park (Heaton School Park)	City of Pueblo	699
		Pueblo Eastwood Hts. School Park (Eastwood Park)	Pueblo School District 60	458
		Pueblo Spann School Park	Pueblo School District 60	472
		Trail Head Park	City of Pueblo	259, 425
		University Park	City of Pueblo	883
Manzanola	1	Manzanola Park-Sprinklers	Town of Manzanola	648
Rocky Ford	5	Babcock Park Dev.	City of Rocky Ford	299
		Play Park Hill Improvements (Rocky Ford Country Club)	City of Rocky Ford	936
		Rocky Ford Golf-Tennis Upgrade	City of Rocky Ford	650
		Rocky Ford Pool	City of Rocky Ford	672
		Rocky Ford Park	City of Rocky Ford	117
La Junta	5	College Overlook Park Dev.	City of La Junta	597
		College Overlook Park #2	City of La Junta	675

Location	Number of Resources	Section 6(f) Resource	Project Sponsor ¹	Grant ID
		Holbrook Rec. Dev. Site (Recreation Center)	Otero County	987
		Otero County Park	Otero County	777
		Otero Jr. College Game Courts	Otero Jr. College	566
Las Animas	1	Bent County/Las Animas Regl Park	Las Animas School District RE-1	860
Las Animas to Lamar	1	Hasty Park (McClave Park)	McClave School District	6
Holly	3	Holly School District RE-3 Support	Holly School District RE-3	631
		Holly Tennis Court	Town of Holly	59
		Holly Trailer Park-Campground	Town of Holly	44

¹Organization responsible for completing the project and administering the Section 6(f) funds