

# ENVIRONMENTAL JUSTICE EVALUATION

## Factor Sheet B-4

Alternative	Total Length of Center Line of Existing Roadway Length of This Alternative
Preferred <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> None identified	

*See FDM Procedure 25-5-25, Affected Social Groups, for general guidance. See FHWA website for more information on Environmental Justice (EJ) - <http://www.fhwa.dot.gov/environment/ej2.htm> and [http://www.fhwa.dot.gov/legsregs/directives/orders/6640\\_23.htm](http://www.fhwa.dot.gov/legsregs/directives/orders/6640_23.htm) See CEQ guidance at: <http://ceq.ch.doe.gov/nepa/regs/ej/justice.pdf>*

**1. Identify and give a brief description of the populations covered under Title VI and Executive Order 12898 (EO 12898). Include the relative size of the populations and their pertinent demographic characteristics: (Check all that apply.)**

*"Minority population" means any readily identifiable groups of minority persons who live in geographic proximity, and if circumstances warrant, geographically dispersed/transient persons who will be similarly affected by a project. (FHWA Actions to Address Environmental Justice in Minority Populations and Low-income Populations, Dec. 2, 1998) Where there are very few displacements, information on race, ethnicity and income levels should not be included in the environmental document to protect the privacy of those affected (FHWA Technical Advisory T6640.8). For definitions of EJ populations see [www.fhwa.dot.gov/legsregs/directives/orders/6640\\_23.htm](http://www.fhwa.dot.gov/legsregs/directives/orders/6640_23.htm) and [www.aoa.gov/prof/poverty\\_guidelines/poverty\\_guidelines.asp](http://www.aoa.gov/prof/poverty_guidelines/poverty_guidelines.asp). Check analysis in metro area long-range plan, if applicable, for information.*

<b>Population Groups</b>	<b>Low Income</b>	<b>Elderly</b>	<b>Disabled</b>
<input type="checkbox"/> Black (having origins in any of the black racial groups of Africa) Describe: <i>Include relative size of population and pertinent demographic characteristics here.</i>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
<input type="checkbox"/> Hispanic (of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race) Describe:	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
<input type="checkbox"/> Asian American (origins in any of the original peoples of the Far East, SE Asia, the Indian subcontinent, or the Pacific Islands) Describe:	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
<input type="checkbox"/> American Indian and Alaska Native (having origins in any of the original people of North American and who maintains cultural identification through tribal affiliation or community recognition) Describe:	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
<input type="checkbox"/> White and any combination of the above. Describe:	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
<input type="checkbox"/> Non-minority low-income population Describe:		Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>

**2. How was information on the proposed action communicated to populations covered by Title VI and Executive Order 12898. Check all that apply:**

*Outreach to EJ populations might be done by contacting the following types of organizations: religious groups, media that target EJ populations, civic groups, minority business associations, legal aid providers, homeowners, tenants and neighborhood watch groups, tribal governments, rural cooperatives, business and trade organizations, community and social service organizations, universities, colleges and vocational schools, labor organizations, civil rights organizations, local schools and libraries, senior citizens' groups, public health agencies and clinics.*

<input type="checkbox"/> Advertisements	<input type="checkbox"/> Brochures
<input type="checkbox"/> Newsletters	<input type="checkbox"/> Notices
<input type="checkbox"/> Utility Bill Inserts	<input type="checkbox"/> E-mails
<input type="checkbox"/> Public Service Announcements	<input type="checkbox"/> Direct Mailings
<input type="checkbox"/> Key Persons	<input type="checkbox"/> Other, identify _____

**3. How was input from populations covered by EO 12898 obtained? Check all that apply:**

<input type="checkbox"/> Mailed Surveys	<input type="checkbox"/> Targeted Small Group Information Meetings
<input type="checkbox"/> Door-to-door interviews	<input type="checkbox"/> Targeted Workshop/conferences
<input type="checkbox"/> Focus Group Research	<input type="checkbox"/> Public Meetings
<input type="checkbox"/> Public Hearings	<input type="checkbox"/> Key Person Interviews
<input type="checkbox"/> Other, identify _____	

4. Indicate any special accommodations made to encourage participation from populations covered by EO 12898. Check all that apply:

- Interpreters
- Accessibility for Elderly & Disabled
- Child Care Provided
- Other, \_\_\_\_\_
- Listening Aids
- Transportation Provided
- Sign Language

*It may be appropriate to provide written materials in other languages, for example Hmong or Spanish.*

5. If there is a project advisory committee, identify and describe committee members from populations covered by EO 12898. See FHWA Order 6640.23 paragraph 5b for guidance.

- None identified
  - Yes - Check all that apply and describe below:
    - Black
    - Hispanic
    - Asian-American
    - American Indian or Alaska Native
    - White and any combination of the above
    - Non-minority low-income
- Describe: \_\_\_\_\_

6. As a result of public involvement and inter-agency coordination, identify and describe issues of concern or controversy to populations covered by EO 12898:

A. Economic Development and Business

- No - Issues of concern or controversy identified.
- Yes - Issues of concern or controversy identified.
  1. List effects on businesses and populations covered by EO 12898:
    - None identified.
    - Yes.

List and discuss - \_\_\_\_\_

Population Groups	Number of Businesses Created That Will:		Number of Businesses Displaced That:	
	Employ	Serve	Employ	Serve
Elderly				
Disabled				
Low income				
Minority				

2. List other effects.
  - None identified.
  - Yes

List and discuss - \_\_\_\_\_

*Other effects might include transportation effects, changes to the tax base, travel times, etc.*

B. Agriculture

- No - Issues of concern or controversy identified.
- Yes - Issues of concern or controversy identified.
 

Issues.

  1. List effects on agricultural operations owned by members of populations covered by EO 12898.
    - None identified.
    - Yes
  - List and discuss - \_\_\_\_\_
  2. List effects on agricultural operations which employ members of populations covered by EO 12898, including migrant workers
    - None identified.
    - Yes
  - List and discuss - \_\_\_\_\_
  2. List other effects on members of populations covered by EO 12898:
 

*Examples might include impacts to wild rice beds or urban garden tracts.*

    - None identified.
    - Yes
  - List and discuss - \_\_\_\_\_

C. Community/Residential

- No issues of concern or controversy identified.
  - Yes - Issues of concern or controversy identified.  
List and discuss - \_\_\_\_\_

1. List relocation effects on households covered by EO 12898:

- None identified.
- Yes

List and discuss - \_\_\_\_\_

Population Groups	Number of Households Relocated
Elderly	
Disabled	
Low income	
Minority	

2. List other effects on members of populations covered by EO 12898.

- None identified.
- Yes

List and discuss - \_\_\_\_\_

*Impacts may include the use of buildings by non-profit organizations, either as business offices or stores that serve EJ populations.*

D. Other

- No issues of concern or controversy identified.  
*Examples include natural resources used sustenance or economic viability.*
- Issues of concern or controversy identified.  
List and discuss - \_\_\_\_\_

7. **Indicate whether effects on populations covered by EO 12898 are beneficial or adverse:**

A. Beneficial effects.

- Describe effects on populations and discuss whether they are direct, indirect or cumulative. Include a discussion of any measures to enhance beneficial effects. Describe methods used to determine beneficial effects resulting from the proposed project. (If only beneficial effects, process is complete.)  
*Methods may include data and community input to support this conclusion.*

B. Adverse effect.

*See: [http://www.fhwa.dot.gov/legsregs/directives/orders/6640\\_23.htm](http://www.fhwa.dot.gov/legsregs/directives/orders/6640_23.htm) for broader definition of adverse effect.*

- 1. Adverse Effects are proportional or disproportionately low. Identified adverse effects are proportionate or disproportionately low to those experienced by the general population.

Describe effects on populations and discuss whether they are direct, indirect or cumulative. Describe methods used to determine adverse effects resulting from the proposed project. Include a discussion of any measures to avoid, minimize, or mitigate adverse effects. (If only beneficial or proportional or disproportionately low effects, process is complete.)

- 2. Adverse Effects are disproportionately high. A disproportionately high and adverse effect means an adverse effect that:

- a.) is predominately borne by populations covered by EO 12898; or
- b.) will be suffered by populations covered by EO 12898 and is appreciably more severe or greater in magnitude than the adverse effect that will be suffered by population not covered by EO 12898.

*See: [http://www.fhwa.dot.gov/legsregs/directives/orders/6640\\_23.htm](http://www.fhwa.dot.gov/legsregs/directives/orders/6640_23.htm) for broader definition of adverse effect.*

Describe disproportionately high and adverse effects on populations covered by EO 12898 and discuss whether they are direct, indirect or cumulative. Describe methods used to determine adverse effects resulting from the proposed project. Include a discussion of any measures to avoid, minimize, or mitigate disproportionately high and adverse effects or enhance beneficial effects.

**8. Will the alternative be carried through final design even with disproportionately high and adverse effects on populations covered by EO 12898?**

- A.  No, the alternative will not be carried out because of disproportionately high and adverse effects on populations covered by EO 12898.
1.  Another alternative with less severe effects on populations covered by EO 12898 can meet the purpose and need of the proposed alternative and is practicable.
  2.  Other.  
Describe. \_\_\_\_\_
- B.  Yes, the alternative will be carried out with the mitigation of disproportionately high and adverse effects on populations covered by EO 12898.
1.  All disproportionate effects will be mitigated by the following measures.  
List and discuss measures:  
*See FDM Procedure 25-20-1, Mitigation Measures.*
  2.  The alternative will be carried through final design without fully mitigating disproportionately high and adverse effects. A substantial need for the alternative exists based on the overall public interest.  
Alternatives that would have less adverse effects on populations covered by EO 12898 have either:
    - a)  Adverse social, economic, environmental, or human health impacts that are more severe.
    - b)  Would involve increased costs of an extraordinary magnitude.

*All environmental commitments must be listed on Basic Sheet 8, Environmental Commitments.*