

I-95 Express Lanes: Opitz Boulevard Connection

ATTACHMENT B Environmental Justice Analysis

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ENVIRONMENTAL JUSTICE ANALYSIS**

**Interstate-95 Express Lanes: Opitz Boulevard Connection
State Project # 0095-076-299, P101, C501; UPC # 115198**

Environmental Justice populations are present in one of the following circumstances:

- a. The minority or low-income population of the environmental justice study area exceeds 50 percent; or
- b. The minority or low-income population percentage of a Census Block is meaningfully greater (greater than 10%) than the minority or low-income population percentage of the environmental justice study area. Small clusters or dispersed populations may also be present.

MINORITY POPULATION ANALYSIS – Based On 2019 US Census Data¹ –									
State Code	County Code	Census Tract Code	Block Group Code	Geographic Identifier	Geographic Area Name	POPULATION			
						TOTAL	MINORITY	MINORITY %	
51	153	9004.03	1	511539004031	Block Group 1	1,524	1,212	79.5%	
51	153	9004.10	1	511539004101	Block Group 1	3,022	2,477	82.0%	
51	153	9005.01	3	511539005013	Block Group 3	696	553	79.5%	
51	153	9005.02	1	511539005021	Block Group 1	4,653	3,268	70.2%	
51	153	Prince William County					461,423	263,262	57.1%
51		Virginia					8,454,463	3,226,894	38.2%
Total Environmental Justice Study Area						9,895	7,510	75.9%	
Environmental Justice Evaluator Factor (10% greater, or 1.1 x Total Environmental Justice Study Area)								83.5%	
<i>The Minority Population Percentage of the Block Groups intersecting the Project Area are not meaningfully greater (i.e., not 10% greater) than the Environmental Justice Evaluator Factor or the minority population percentages within Prince William County or Virginia. However, the Total Environmental Justice Study Area minority percentage exceeds 50 percent; therefore, based on the EJ populations methodology, EJ populations are present.</i>									
¹ US Census Bureau, 2019 American Community Survey (ACS) 5-Year Estimates. Table B03002. Report generated by M. Comer, 13 May 2021 on data.census.gov.									

LOW-INCOME ANALYSIS – Based on Median Household Income² –	
Geography	Median Household Income (Average Household Size)
Virginia	\$74,222 (2.61 Persons)
Prince William County	\$107,132 (3.22 Persons)
Census Tract 9004.03	\$64,375 (2.73 Persons)
Census Tract 9004.10	\$90,813 (3.25 Persons)
Census Tract 9005.01	\$70,741 (3.42 Persons)
Census Tract 9005.02	\$118,988 (2.36 Persons)
Census Tract 9004.03, Block Group 1	\$78,846 (3.57 Persons)
Census Tract 9004.10, Block Group 1	\$81,121 (3.04 Persons)
Census Tract 9005.01, Block Group 3	Not available (3.53 Persons)
Census Tract 9005.02, Block Group 1	\$118,988 (2.36 Persons)
2019 U.S. Health and Human Services Poverty Guideline (3 Person / 4 Person Household)	
\$21,330 / \$25,750	
<i>Median Household Incomes for the subject State, County, Census Tract and Block Group each exceed the 2019 Health and Human Services Poverty Guidelines. These guidelines state that a family of three and four is considered at poverty level if the median household income is \$21,330 and \$25,750, or below, respectively. As each category exceeds \$21,330 and \$25,750, no low-income population is considered to be present.</i>	
² US Census Bureau, 2019 ACS 5-Year Estimates. Tables B19013, B25010 and S1903. Report generated by M. Comer, 13 May 2021 on data.census.gov.	

The Total Environmental Justice Study Area minority percentage exceeds 50 percent; therefore, based on the EJ populations methodology, EJ populations are present. However, no relocations or displacements and only short-term disruption of community services (police, fire protection, emergency medical and school bus operations) during construction would occur as a result of the project that would equally affect the EJ communities and non-EJ communities within the project area (access to all community facilities would be maintained). Therefore, no disproportionately high and adverse effects will occur on any population. Thus, in accordance with the provisions of E.O. 12898 and FHWA Order 6640.23, no further Environmental Justice analysis is required.