

## Appendix A – Environmental Justice

As stated in the 2006/2007 EA Bigelow Gulch and Forker Roads are existing roadways through low-density development, no new communities would be divided or isolated, nor residents separated from community facilities or services, nor would any community service boundaries, such as school districts or fire districts, be severed or bisected. There has been no change to the proposed new alignment or basic neighborhood structure so the above would still hold true in 2014.

The 2006/2007 EA found there to be few public facilities and services along the proposed corridor alignment. Noted were five churches, four schools, one fire station, and a grange hall. These facilities still exist and no new facilities have been added.

There are no hospitals or libraries. No public transit service, grocery stores, pharmacies, banks, gas stations, etc. are within the project area. We do not anticipate any interruption to services or utilities during construction.

Partial or total property acquisition will affect some residents on individual parcels and farms. The properties proposed for acquisition have not changed since the 2006/2007 EA.

Property owned by The Light of Gospel Church located on Progress Road will experience some changes due to the widening and realignment of the road, as well as placement of stormwater facilities. These uses will not displace or restrict access to the church. This was addressed in the 2006/2007 EA and there will be no change.

The proposed corridor alignment along Sullivan Road will still result in a more restricted movement of students between the East Valley Middle School sports fields and East Valley High School. As previously agreed in the Section 4(f) document, this concern will be mitigated by constructing a pedestrian crossing, as approved by the East Valley School District.

This proposed alignment will result in a shift of traffic from Progress Road to Sullivan Road, which will be beneficial to East Valley Middle School where traffic currently passes in front of the school. This is the same alignment that was proposed in the 2006/2007 EA.

There may be an increase in traffic, but studies indicate that air quality will generally improve due to less frequent backups and stops. Noise will increase along the corridor which was addressed in the 2006/2007 EA study. Since the study, there are five new houses in the area; one house is located approximately 400 feet from the proposed alignment. All other new houses are distanced at 500 feet or more.

This project will cause temporary construction impacts, including noise, dust, odors, and vehicle and equipment emissions. Disruption of traffic including detours, vehicle delays and temporary access changes will also be necessary. The duration and distance of the traffic disruptions will depend on each phase of construction. Through traffic may be diverted to Upriver/Wellesley Roads located up to about 1-1/2 miles south of the project area. Detour length will vary with project phase and vehicle route but will be up to 6 miles. Detours will temporarily increase traffic volumes on these local roads. Local access will always be allowed to residents and businesses. No public transit service is currently provided

nor is planned for the proposed corridor area. The closest transit stop is approximately 1.75 miles to the west with another located approximately 2.50 miles to the south.

A review of the American Fact Finder 2010 Census information, Report QT-P6 (see Tables A-1 and A-2 below) indicates there has been an increase of minority populations in the area. The total population of the Study Area rose by approximately 2.4% between 2000 and 2010, while the minority population rose by 36% over the same time period. The increase of minorities in the area accounted for the overwhelming majority of the Study Area's population increase over that time period. However, it is important to note that as a percentage of the total population, minority populations increased only 1-3% from 2006 and they are still a relatively small portion of the total population with only two Block Groups just over 10% in 2014. This coincides with the increase in the total Spokane County population; however, the Study Area population increased at a much smaller rate than Spokane County as a whole (12% vs. 2.4%). Information shows the largest increase is in the Hispanic or Latino population.

**Table A-1: Minority Census Data by Numbers**

**2006 EA - US Census 2000 Summary File 1 (SF 1) 100-Percent Data**

Census Tract	Block Group	Total Population	Black or African-American	American Indian and Alaska Native	Asian	Pacific islander	Hispanic or Latino
101.00	4	1,850	11	38	45	1	34
102.02	3	2,140	5	27	16	1	35
112.02	4	791	0	15	6	4	40
113.00	3	2,473	13	42	50	5	52
114.00	2	1,455	12	16	32	1	50
Study Area Total		8,709	41	138	149	12	211
Spokane County		417,939	9,361	10,866	10,991	1,462	11,576

**2014 Review** of Population by Race using American Fact finder 2010 Census information to determine percentages - Report QT-P6

Census Tract	Block Group	Total Population	Black or African-American	American Indian and Alaska native	Asian	Pacific islander	Hispanic or Latino
101.00	4	2,079	3	38	63	1	67
102.02	3	2,534	14	30	39	7	68
112.02	4	1,044	2	21	16	5	73
113.00	3	1,490	12	23	20	5	56
114.00	2	1,778	20	36	64	5	61
Study Area Totals		8,925	51	148	202	23	325
Spokane County		471,221	8,056	7,295	9,957	1,902	21,260

**Table A-2: Minority Census Data by Percentage**

2006 EA - US Census 2000 Summary File 1 (SF 1) 100-Percent Data

Census Tract	Block Group	Total Population	African-American	American Indian and Alaska Native	Asian	Pacific islander	Hispanic or Latino	Total Minority Population
101.00	4	1,850	0.59%	2.05%	2.43%	0.05%	1.84%	6.96%
102.02	3	2,140	0.23%	1.26%	0.75%	0.05%	1.65%	3.94%
112.02	4	791	0.00%	1.90%	0.76%	0.51%	5.06%	8.23%
113.00	3	2,473	0.53%	1.70%	2.02%	0.20%	2.10%	6.55%
114.00	2	1,455	0.82%	1.10%	2.20%	0.07%	3.44%	7.63%
Study Area Totals		8,709	0.47%	1.58%	1.71%	0.14%	2.42%	6.32%
Spokane County		417,939	2.24%	2.60%	2.63%	0.35%	2.77%	10.59%

2014 Review of Population by Race using American Fact finder 2010 Census information - Report QT-P6

Census Tract	Block Group	Total Population	Black or African-American	American Indian and Alaska native	Asian	Pacific islander	Hispanic or Latino	Total Minority Population
101.00	4	2,079	0.10%	1.80%	3.00%	0.00%	3.22%	8.12%
102.02	3	2,534	0.06%	1.20%	1.50%	0.30%	2.68%	5.74%
112.02	4	1,044	0.20%	2.00%	1.50%	0.50%	7.00%	11.20%
113.00	3	1,490	0.80%	1.50%	1.30%	0.30%	3.70%	7.60%
114.00	2	1,778	1.10%	2.00%	3.60%	0.30%	3.43%	10.43%
Study Area Totals		8,925	0.57%	1.66%	2.26%	0.26%	3.64%	8.39%
Spokane County		471,221	1.71%	1.55%	2.11%	0.40%	4.51%	10.28%

Looking at the two Census Tract block groups with the largest minority populations, Tract 112.02 Block Group 4 and 114.00 Block Group 2 (see Census tract map below), there are some relocations/property takings in these areas. There are six residential relocations (plus two vacant parcels takings) in Tract 112.02 block group 4. There is one relocation and one vacant parcel taking in Tract 114.00 Block Group 2. However, the census tracts are much larger than the project impact area and project impacts are in low density portions of these census tracts. Also, there was only one property owner encountered during right of way negotiations and public outreach that appeared to be a minority. He was able to conduct business in English and no one, including him, requested assistance in another language. The County followed their Title VI plan for this project. The EJView ACS Summary Report which used census information from 2006-2010 indicates that there are no “Speak English – Not at All” population within 0.5 miles of the proposed project area.

Using the National Center for Education Statistics, Common Core of Data for 2011-2012, it was noted that free or reduced school lunches have increased from 41% to 51% (see Table A-3). Also noted was the increase in minority school children that was similar to that of the Study Area as a whole; however as in 2006, the school minority populations are a higher percentage of the total attendance than the overall minority population in the block groups in the census. The number of Hispanic or Latino school children almost doubled, while the rest of minority groups contracted in size, which does not reflect the

growth of the Study Area as a whole (see Tables A-4 and A-5). Note the school populations come from a much larger area than the block groups impacted by the project.

**Table A-3: School Lunches**

2006 EA - using Common Core of Data for school years 2004-2005					
	Orchard Prairie	Trentwood Elem	East Valley Mid School	East Valley High School	Totals
Students	63	294	558	1405	2320
Receiving Free/Reduced Lunch	14	198	303	432	947
Percentage in 2006	22%	67%	54%	31%	<b>41%</b>

2014 Update - using Common Core of Data for school years 2011-2012					
	Orchard Prairie	Trentwood Elem	East Valley Mid School	East Valley High School	Totals
Students	67	444	563	1121	2195
Receiving Free/Reduced Lunch	3	259	325	522	1109
Percentage in 2014	4%	58%	58%	47%	<b>51%</b>

**Table A-4: 2006 School Demographics**

	Total Pop	Black	American Ind/Alaskan	Asian/Pacific Islander	Hispanic	Total Minority
Orchard Prairie Elem.	63	0	0	0	0	0
Trentwood Elementary	294	7	9	13	8	37
East Valley Middle School	558	16	15	15	11	57
East Valley High School	<u>1405</u>	<u>19</u>	<u>36</u>	<u>43</u>	<u>30</u>	<u>128</u>
	2320	42	60	71	49	222

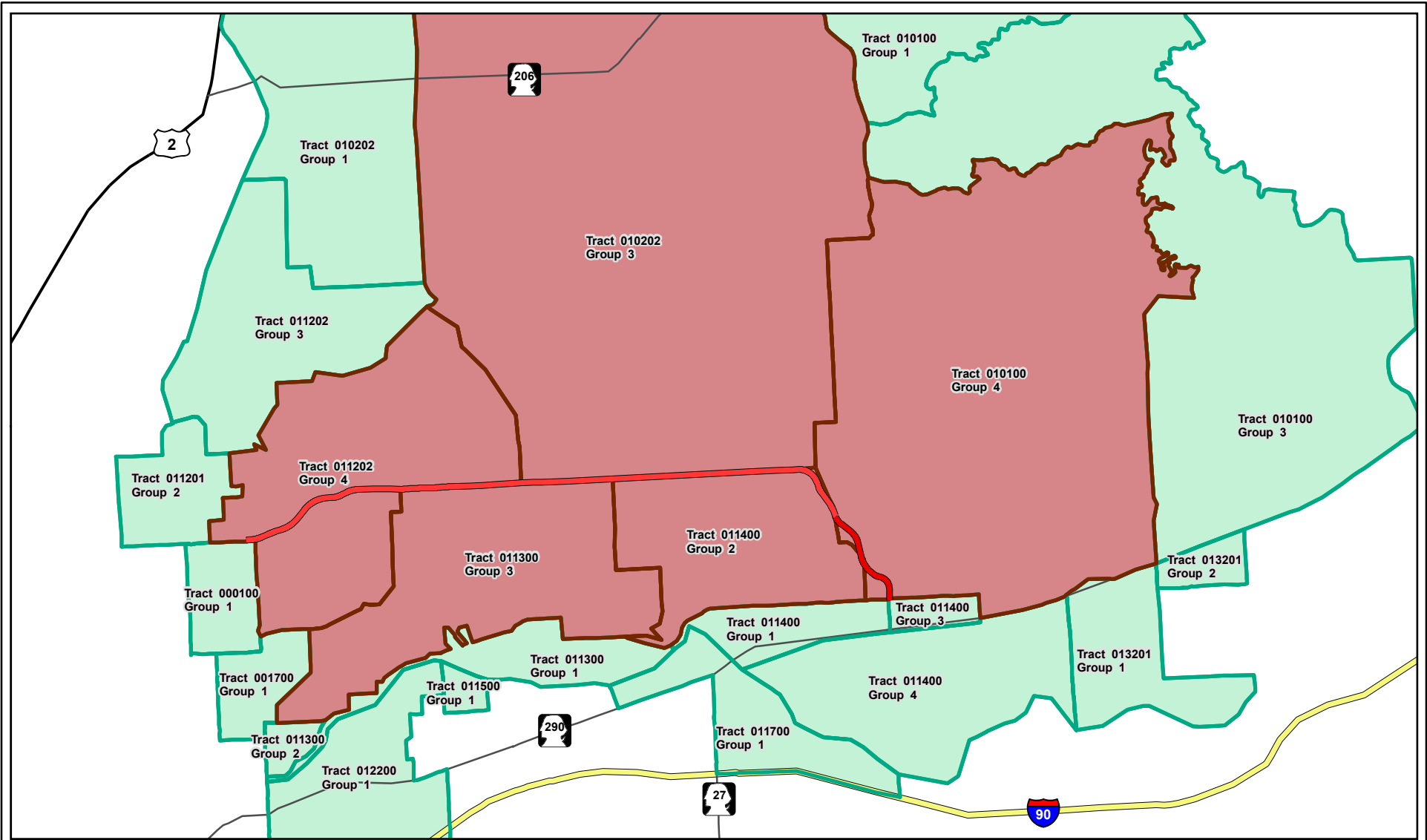
	Total Pop	Black	American Ind/Alaskan	Asian/Pacific Islander	Hispanic	Total Minority
Orchard Prairie Elem.	63	0.00%	0.00%	0.00%	0.00%	0.00%
Trentwood Elementary	294	2.38%	3.06%	4.42%	2.72%	12.58%
East Valley Middle School	558	2.87%	2.69%	2.69%	1.97%	10.22%
East Valley High School	1405	1.35%	2.56%	3.06%	2.14%	9.11%
Total	2320	1.81%	2.59%	3.06%	2.11%	9.57%




**Table A-5: 2014 School Demographics**

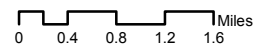
	Total Pop	Black	American Ind/Alaskan	Asian/Pacific Islander	Hispanic	Total Minority
Orchard Prairie Elem.	67	0	0	0	4	4
Trentwood Elementary	444	0	2	8	41	51
East Valley Middle School	563	5	7	7	52	71
East Valley High School	1,121	10	9	28	96	143
Total	2195	15	18	43	193	269

	Total Pop	Black	American Ind/Alaskan	Asian/Pacific Islander	Hispanic	Total Minority
Orchard Prairie Elem.	67	0.0%	0.0%	0.0%	6.0%	6.0%
Trentwood Elementary	444	0.0%	0.5%	1.8%	9.2%	11.5%
East Valley Middle School	563	0.9%	1.2%	1.2%	9.2%	12.6%
East Valley High School	1,121	0.9%	0.8%	2.5%	8.6%	12.8%
Total	2195	0.7%	0.8%	2.0%	8.8%	12.3%

The determination was and remains that minority and low-income populations will not bear the effects from this project more severely or at a greater magnitude than other residents in the project area and/or the general public.



-  Project Alignment
-  Study Area Block Group
-  Comparison Area Block Group



**Figure 4.8-1**  
**Block Groups within Study Area and**  
**Comparison Area**

Map Date: 6/26/2007

**Figure A-1 : Census Tract Map**