

Transportation Alternatives Program 2013 Application

Instructions

Complete application in the space provided. Applicants are limited to application form and 5 pages of attachments. Submit completed application and attachments electronically to dale.robins@rtc.wa.gov. You will receive an e-mail confirmation within one business day of submittal. If you do not receive confirmation or have questions about the application contact Dale Robins at 360-397-6067 x5212.

General Information

Project Title: Aspen Avenue at 18th Street crosswalk

Project Location and Limits: Aspen Avenue at the intersection of 18th Street

Project Length (miles): 0.04 miles (200 ft)

Agency: City of La Center

Contact Person: [REDACTED]

Telephone: [REDACTED] Email: [REDACTED]

Certified Acceptance Agency: Clark County

Project Screening Criteria

Check all that apply.

- Project is consistent with the MTP/RTP
- Project contains at least one eligible Transportation Alternatives Category
- Project is directly related to the surface transportation system (except trails)
- Project does not supplement the construction of an existing project
- Project is open to public access

Cost Summary

Project Phase	Start Date	TAP Funds	Other Funds	Total Cost
Design	08/01/2013		\$2,400	\$2,400
Right of Way		\$0	\$0	\$0
Construction	09/15/2013	\$19,700	\$2,600	\$22,300
Totals	n/a	\$19,700	\$5,000	\$24,700
Overall Match Ratio:				20.24%

Project Type

Check all that apply.

- | | |
|---|---|
| <input checked="" type="checkbox"/> Bike/Pedestrian facilities | <input type="checkbox"/> Vegetation management practices |
| <input type="checkbox"/> Safe routes for non-drivers | <input type="checkbox"/> Archaeological activities |
| <input type="checkbox"/> Abandoned railroad corridors for trails | <input type="checkbox"/> Environmental mitigation activity |
| <input type="checkbox"/> Turnouts, overlooks, and viewing areas | <input checked="" type="checkbox"/> Recreational Trails Program |
| <input type="checkbox"/> Control of outdoor advertising | <input type="checkbox"/> Safe Routes to School Program |
| <input type="checkbox"/> Historic preservation of transportation facilities | |

Project Information

1. Project Description:

The City of La Center is a small community of approximately 3,000 residents. Over the past decade the City of La Center has made our parks and trail system one of our top priorities. As a result we have beautiful parks and trails that are highly utilized and valued by the entire community. These trails provide safe routes to vital services that are only located on the west side of town. Our downtown district is home to our only grocery/convenient store, City Hall, schools, restaurants and retail shops. This project will grant safe passage across one of the City's busiest streets. The City has received several requests to improve the safe crossing of the street so they can access the rest of the trail system and the services available in the downtown region.

The project will consist of placing striping, a concrete access ramp and advanced warning signals for pedestrians and bicyclists to cross Aspen Avenue on the south side of 18th Street (See Exhibit 1). Currently the west side of the intersection at Aspen Avenue and 18th Street has an ADA accessible ramp. The east side does not. This project will serve more than 50% of the residents in La Center.

Project Information

2. Describe how the project will improve the public travel experience, and travel options, including the benefit to the community:

Currently, there are approximately 4 miles of paved and unpaved paths/trails known as the Heritage Trail system in the City. This project would provide access for people with disabilities as well as provide a safer link across a busy roadway for bicyclist, and pedestrians using the Heritage Trail system to traverse from east to west within the City.

This trail system is bisected by Aspen Avenue. There is no crosswalk or ADA accessible curb ramp access on one side of the street. Pedestrians and bicyclist traveling the Heritage Trail system must cross Aspen Avenue at 18th Street to traverse from the eastern portion of the trail system to west side of the trail system. The areas to west of Aspen Avenue are predominantly residential. This project will allow pedestrians and bicyclists safe access to the west half of Heritage Trail, a 6.5 acre wetland park and Heritage Park (with accessible bathrooms and playground). In addition, they will have access to vital services in the downtown district and schools approximately 1/2 mile away.

3. Describe how the project provides a connection between modes, or improves transportation choices, or connects to land use services such as job locations, a civic center, library, grocery market, playground, retail center, medical office, school, and other. (Include modes and list of specific land uses connect within 1/2 mile of project):

The project will benefit the public by providing a safer and ADA accessible crossing promoting use of the Heritage Trail system by providing a necessary link for pedestrian and bicyclists in the Northern portion of the City. This area of the community is predominantly residential. Since a large portion of the community live in this area, by placing crosswalk striping and advanced lighted warning signs on Aspen Avenue, will allow safer access to local parks, schools and activities. The project also includes accessibility for this portion of the Heritage Trail system.

This public trail system is used as an alternative to traveling by automobile. Pedestrians and bicyclists living on the west side of Aspen Avenue will use the crosswalk to travel along the public trail system and sidewalks to wetlands parks, developed parks, schools and businesses. The project benefits all demographic types providing a safer alternative for non-motorized transportation options along this well used trails system.

(The attached aerial drawing showing a partial view of the Heritage Trail System at Aspen Avenue (Exhibit 1) and the picture showing the proposed location of the striping and ramp (Exhibit 2). See proposed location of crosswalk striping drawing (Exhibit 3).

Project Information

4. Describe how the project relates to an adopted plan such as the GMA plan, modal plan, neighborhood plan or other planning process. (Include name of Plan and attach a copy of page from plan that including project by name):

In order to obtain funding for the Transportation Alternative Program, the project must be consistent with the MTP. According to the 2011 MTP, connecting missing links in pedestrian and bicycle systems is one of the challenges in growth. The crosswalk and lighting project described in this application is consistent with connecting pedestrian and bicycle systems.

The project is part of the City of La Center 2008 Capital Facilities Plan (CFP) trail system because it links the east and west end of Heritage Trail to Heritage Park as well as sidewalk and trail system to the downtown district and public schools. The Trail is listed in CFP Trails and Pathways Plan as the Heritage trail (See attached excerpt from the Trails and Pathways Plan).

5. Describe to what extent the project will improve mobility for disadvantage populations, including elderly, disabled minority, and low income populations:

A portion of the houses owned on the west side of Aspen Avenue are owned by elderly people. 2010 Census data indicates that over nine percent of the population is over the age of sixty-five. According to City staff, the trail is heavily used by the retired population living in La Center.

The crosswalk would allow this elderly population the opportunity to use the Heritage Trail system for exercise and aesthetic pleasure. See attached Census Bureau summary.

The crosswalk is within 1/2 mile of 663 dwelling units or 2/3 of housing units in La Center.

6. List affordable house complex and number of housing units that are within 1/2 mile of project:

There are not affordable housing complexes near Aspen and 18th street but there are low income residences within 1/2 mile south of the crosswalk. Pedestrians from this low income housing area would not walk north from their residence to the crosswalk to access any commercial areas but they would likely walk to Heritage Park just west of the crosswalk.

Project Information

7. Identify the safety issues addressed by project (collision data, lack of adequate safe crossing or access, lack of separated facility, high speed or volume, other):

There is currently inadequate crossing locations for Aspen Avenue north of 10th Street, which is approximately 1,900 feet from 18th Street. For any pedestrians living along 18th Street, or the development adjacent to 18th Street, who want to cross Aspen Avenue safely, would have to travel to the 10th Street intersection.

Traffic speeds were previously studied for northbound and southbound traffic at the 18th Street intersection and was found to average 45 mph along Aspen Avenue.

Collision data obtained from WSDOT shows that in 2007 a collision occurred at Aspen Avenue, 100-feet south of 18th Street. The report said that the collision was intersection related and the driver was exceeding a reasonable safe speed.

This data supports recent traffic speed investigations showing that vehicles traveling along Aspen Avenue, near the 18th Street intersection, average 45 mph.

8. Describe how the project addresses the safety issues identified:

Aspen Avenue is a small city arterial that supports traffic from the business district to residential development on the north side of the City. Pedestrians cross the street to access Heritage trail. There is currently no crosswalk or pedestrian ramp on the west side of Aspen Avenue. The width of the street is approximately 40-feet. A traffic evaluation completed by staff at the intersection suggests that there is adequate stopping site distance for traffic to stop at a crosswalk for pedestrians. However during poor weather or at the night or early in the morning it may be more difficult for vehicles to see pedestrians crossing the street.

To make it safer for pedestrians, the City is proposing to add LED battery operated solar power crosswalk signs to be activated by pedestrian push button at the crosswalk on either side of Aspen Avenue. The project will provide a curb cut and handicap ramp on the west side of Aspen Avenue to allow pedestrians to cross Aspen Avenue (see Exhibit 2). Similar LED operated light installations have been successful in two other locations within the City.

9. Readiness:

- Design at 70% or higher
- Right of way acquisition complete or not needed
- Environmental permits approved

Please explain:

The City plans to match 20% which may include City personnel to do the design and bidding process. All of the signal, striping and ramp improvements are in City right of way. The design can be completed within a couple of weeks so the project can be advertised and bid within a couple of months. No environmental permitting is necessary since the work is within the roadway prism of an existing street and will not create enough impervious surface to require stormwater treatment, detention or stormwater conveyance. The project can be obligated by June 1, 2013.

Project Information

10. Describe how the local community and other agencies have been involved in the planning process for the project.

List any opposition to the project and how it was overcome:

Over the past few years citizens have continuously expressed concerns about crossing this intersection. These citizens were elderly or have young children or grandchildren. This grant will allow the City to solve an ongoing safety issue for our citizens.

11. Describe how the project improves public health and increase physical activity:

The project will allow residents east and west of the crosswalk to access Heritage Trail and Heritage Park west of the crosswalk and McCormick Creek and Bolin Creek to the west of the crosswalk. Pedestrians can walk for several miles along these City and County trails which have varied terrain. The trails consists of gravel 5-foot wide paths that have varied vegetation along the edge. The walk is moderately challenging and promotes physical activity as well as aesthetically pleasing to walk along the creek and vegetated path.

12. Describe how the project includes design elements that contribute to quality of life:

The design allows pedestrians to access trails that are not currently easily accessible by crossing safely from either side of Aspen Avenue. The trails are a benefit to the public by providing access to parks and the downtown business district.

Project Information

13. List all funding partners contributing to the project:

Funding Source	Amount
City of La Center (PE)	\$2,400
City of La Center (Construction)	\$2,600

Other Information

You may use this space to provide any additional project information considered worth noting:






EXHIBIT 1

LA CENTER
 TAP -2013
 SIZE 1
 DWG NO. 1
 SCALE N.T.S



HERITAGE TRAILHEAD

PROPOSED CROSSWALK LOCATION

ASPEN AVENUE

PROPOSED ACCESS RAMP

EXISTING HANDICAP RAMP ON EAST SIDE OF ASPEN AVENUE



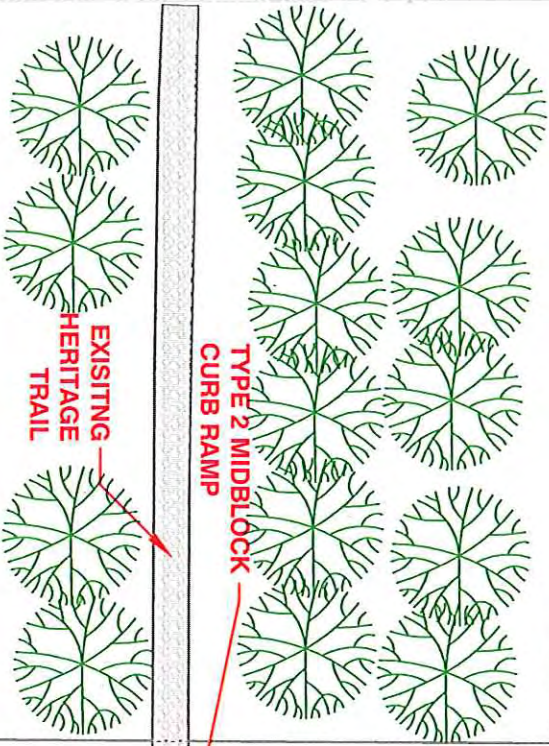
EXHIBIT 2

LA CENTER
TAP -2013

SIZE DWG. NO. SCALE
2 N.T.S



LED SOLAR POWERED
CROSSWALK AHEAD
SIGN



EXISTING
HERITAGE
TRAIL

TYPE 2 MIDBLOCK
CURB RAMP

ASPEN AVENUE

39.5'



THERMOPLASTIC
CROSSWALK
STRIPING

18TH STREET

CROSSWALK LIGHTING
ACTIVATION BUTTON

EXISTING CURB RAMP

EXISTING SIDEWALK
CONNECTED TO
HERITAGE TRAIL
EAST OF 18TH AVENUE

LED SOLAR POWERED
CROSSWALK AHEAD
SIGN



EXHIBIT 3

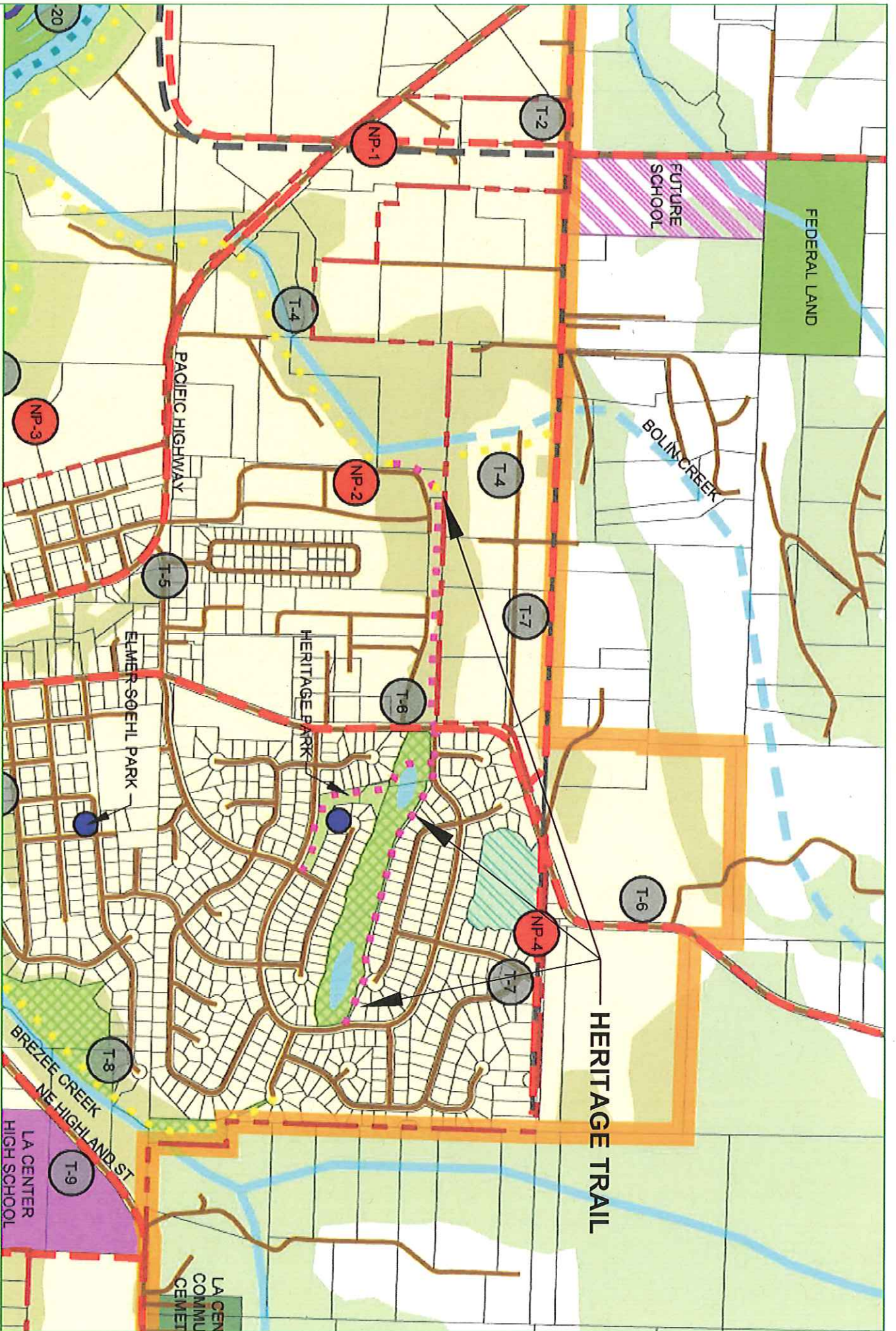
LA CENTER
TAP -2013

SIZE 3 DWG NO. N.T.S. SCALE



City of La Center - Trails & Pathways Plan

Parks, Recreation & Open Space Master Plan
June 2007



2010 CENSUS DATA

Census 2010, Summary File 1
 Area Name: La Center city
 State: WA Place: 36710

GENERAL PROFILE 1: PERSONS BY RACE, AGE, AND SEX; URBAN AND RURAL

Area Type: State-Place (160) Gen-1

P1/P15/P16/P17/P35/P36/P37. POPULATION SUMMARY
 Universe: Persons, Households, Families

Total Population	2,800	Total Families	804
Total Households	942	Population in Families	2,550
Population in Households	2,800	Under 18 years	843
Under 18 years	861	18 years and over	1,707
18 years and over	1,939	Average Family Size	3.17
Average Household Size	2.97	Under 18 years	1.05
Under 18 years	0.91	18 years and over	2.12
18 years and over	2.06		

P3/P5. POPULATION BY RACE AND HISPANIC OR LATINO
 Universe: Persons

	Total	Hispanic	Not Hispanic
Total:	2,800	129	2,671
White alone	2,557	73	2,484
Black or African American alone	27	0	27
American Indian and Alaska Native alone	23	3	20
Asian alone	54	0	54
Native Hawaiian/Other Pacific Isl. alone	1	0	1
Some Other Race alone	43	43	0
Two or More Races	93	10	83

P15/P16A-I/P17A-I. HOUSEHOLDS AND HOUSEHOLD POPULATION BY RACE OF HOUSEHOLDER
 Universe: Households and Population in Households by Race of Householder

	Households	Pop. in HH	Average HH Size
Total:	877	2,576	2.94
White alone	9	34	3.78
Black or African American alone	12	37	3.08
American Indian and Alaska Native alone	16	46	2.88
Asian alone	1	3	3.00
Native Hawaiian/Other Pacific Islander alone	11	43	3.91
Some Other Race alone	16	61	3.81
Two or More Races	15	61	3.81
Hispanic or Latino (Any race)	28	106	3.79
White alone, not Hispanic	865	2,534	2.93

P3A-I/P36A-I/P37A-I. FAMILIES AND POPULATION IN FAMILIES BY RACE OF HOUSEHOLDER
 Universe: Families and Population in Families by Race of Householder

	Families in Families	Population in Families	Average Fam. Size
Total:	749	2,355	3.14
White alone	9	32	3.56
Black or African American alone	11	36	3.27
American Indian and Alaska Native alone	11	38	3.45
Asian alone	1	3	3.00
Native Hawaiian/Other Pacific Islander alone	8	31	3.88
Some Other Race alone	15	55	3.67
Two or More Races	15	55	3.67
Hispanic or Latino (Any race)	24	91	3.79
White alone, not Hispanic	738	2,316	3.14

P12/P13. POPULATION BY AGE AND SEX
 Universe: Persons

All Ages:	2,800	100.0	1,378	100.0	1,422	100.0
Under 5	174	6.2	86	6.2	88	6.2
5 to 9	258	9.2	126	9.1	132	9.3
10 to 14	293	10.5	153	11.1	140	9.8
15 to 17	136	4.9	63	4.6	73	5.1
18 and 19	57	2.0	32	2.3	25	1.8
20	23	0.8	13	0.9	10	0.7
21	16	0.6	12	0.9	4	0.3
22 to 24	53	1.9	27	2.0	26	1.8
25 to 29	125	4.5	61	4.4	64	4.5
30 to 34	159	5.7	87	6.3	72	5.1
35 to 39	226	8.1	119	8.6	107	7.5
40 to 44	248	8.9	128	9.3	120	8.4
45 to 49	215	7.7	99	7.2	116	8.2
50 to 54	205	7.3	89	6.5	116	8.2
55 to 59	157	5.6	75	5.4	82	5.8
60 and 61	65	2.3	32	2.3	33	2.3
62 to 64	88	3.1	46	3.3	42	3.0
65 to 69	43	1.5	17	1.2	26	1.8
70 to 74	66	2.4	36	2.6	30	2.1
75 to 79	74	2.6	38	2.8	36	2.5
80 to 84	43	1.5	24	1.7	19	1.3
85 +	25	0.9	12	0.9	13	0.9
Median Age	35.6		36.3		36.9	

P2/H2. URBAN AND RURAL
 Universe: Population, Housing units

Total:	2,800	100.0	981
Urban:			
Inside urbanized areas			
Inside urban clusters			
Rural:			

Source: Census 2010 Summary File 1 [machine-readable data file]/Prepared by the U.S. Census Bureau, 2011.
 Prepared by: Washington State Office of Financial Management, Forecasting Division. 02AVG11 Page 2