CITY OF KIRKLAND
Planning and Community Development Department
123 Fifth Avenue, Kirkland, WA 98033
425.587.3225 - www.kirklandwa.gov

KIRKLAND
2035 | YOUR VOICE.
YOUR VISION.
YOUR FUTURE.

MEMORANDUM

Date: September 11, 2014

To: Planning Commission

From: David Barnes, Planner
                Paul Stewart, Deputy Director, AICP
                Eric Shields, Director, AICP

Subject: Comprehensive Plan Update, FILE CAM13-00465 #5

This memo addresses the following Comprehensive Plan Update topics:

- Natural Environment Element Updates

I.   RECOMMENDATION

Review the list of key issues outlined below and provide preliminary direction to staff on potential revisions to the Natural Environment Element of the Comprehensive Plan.

Based on Planning Commission direction, staff will bring back a draft of the Natural Environment Element in the near future. Note however, that the Element will continue to be shaped by the following ongoing processes:

- **Neighborhood Plan discussions**
- **Public Input**

II.   BACKGROUND DISCUSSION

Following is the Natural Environment Concept as set forth in the current Natural Environment Element of the Comprehensive Plan. The Concept summarizes the Element and outlines the theme under which the goals and the policies of the Element are crafted.

The fundamental goal of the Natural Environment Element is to protect natural systems and features from the potentially negative impacts of

nearby development and to protect life and property from certain environmental hazards. To accomplish this, the Element:

- *Recognizes the importance of environmental quality and supports standards to maintain or improve it;*

- *Supports comprehensive management of activities in sensitive and hazard areas through a variety of methods in order to ensure high environmental quality and to avoid risks or actual damage to life and property;*

- *Promotes system-wide management of environmental resources. Supports interagency coordination among jurisdictions sharing an ecosystem;*

- *Supports the acquisition of comprehensive technical data and the application of best available science for natural systems management; and*

- *Acknowledges the importance of informing the public of the locations, functions, and needs of Kirkland's natural resources.*

III. <u>KEY ISSUES IDENTIFIED IN THE ELEMENT</u>

Staff has reviewed the Natural Environment Element and identified key issues that should be considered as part of the Comprehensive Plan Update process. The following documents, goals and principals, and factors were considered in reviewing the element:

- Department of Commerce's Update Comprehensive Checklist for GMA statutory requirements adopted since 2003 and guide to the elements
- Puget Sound Regional Council's Vision 2040
- King County Countywide Planning Policies
- Smart Growth Principles
- Sustainable Communities Principles
- General themes from the fall Visioning Conversations
- City Council goals
- Annexation area considerations, such as Holmes Point Policy and Urban Separator Policy
- List of potential issues, corrections and general edits that Staff has maintained over the past few years for this Plan Update
- Biomimicry concepts (using nature's best idea and then imitates these designs and processes) Living Communities Challenge framework (International Living Futures Institute)
- Urban Forestry Strategic Management Plan

A. **Issue#1:   Compliance with GMA, PSRC and Countywide Planning Policies**

Staff Recommendation: Revise or add new policies to be compliant with the Department of Commerce, Puget Sound Regional Council and Countywide Planning Policies (see Attachment 1)**.** In attachment 1, the text highlighted in yellow shows the policies relevant to this element and a note has been made in the right hand margin to exhibit compliance or the need to add new policies to become compliant.

B. **Issue #2**: **Change Element name from "Natural Environment" to "Environment"**

Staff Recommendation: Renaming the Element to "Environment" is more inclusive and accurately reflects the natural and the built environment. The title for the element would be changed along with all references in the element where applicable. Staff will be more explicit in distinguishing between the natural and built environments by providing clear goals and policies for each.

C. **Issue #3: Introduce the concepts of a sustainable community and the framework of a living Community as a guiding principle for the overall Element**

Background: The City has used the Brundtland Commission's definition of sustainable development as "Development that meets the needs of the present without compromising the needs of the ability of future generations to meet their own needs". A sustainable community makes decisions and carries out intentional actions that enhance the livability for current citizens and plans for resiliency for all future citizens. The concept of a **sustainable community** is being introduced to this element as it is no longer acceptable to only protect natural features, but rather to also find ways to greatly restore and regenerate our water, vegetation, soil and air in recognizing them as valuable ecological features.

In addition, standard design and building techniques should go beyond code compliance and should be more stringent to enhance the built environment as do sustainable development principles. Click this link for the International Living Futures Institute's (ILFI) development standards for a Living Communities. ILFI is the creator of the Living Building Challenge that the Bullitt Center in Seattle used for its sustainability certification and measurement of a living, regenerative, restorative structure.

The concepts contained within the **Living Communities** standards should be used as framework for the entire element as they represent a wholistic approach to developing a healthy, sustainable natural and built environment. The main concepts include:
- Place
- Water

- Energy
- Health & Happiness
- Materials
- Equity
- Beauty

Staff Recommendation: Adhering to the Kirkland 2035 Guiding Principles that Kirkland be Livable, Sustainable and Connected, staff recommends adding the Living Communities framework to the introduction of the Element and weave relevant policies and goals into the sections within the element. Staff would provide comprehensive definitions of a sustainable community and Living communities in the Elements.

A short presentation on Living Communities from a representative of the International Living Future Institute can be provided to the Planning Commission at a future meeting if you are interested.

D. **Issue #4: Reorganize the section on *Managing the Natural Environment* (page V-3) to more clearly highlight the goals and polices of the natural and built environment. Background**: The topics of the natural and built environment are comingled under the heading of *Managing the Natural Environment*.

Staff Recommendation: Revise the section on *Managing the Natural Environment* (page V-3) and break it into two sections: Natural Environment and Built Environment to help differentiate the policies, goals and implementation strategies for each.

E. **Issue #5: Add new policy in the *Water* section that will support retrofitting existing impervious surfaces for water quality treatment and look for opportunities to provide regional facilities.**

Background: As the City is mostly developed and much of this development occurred prior to the advent of stormwater controls that are protective of streams. Current stormwater regulations (2009 King County Surface Water Design Manual) require that redevelopment provide stormwater controls as though the site were forested if the size of the redevelopment project crosses certain size and cost thresholds.

The Surface Water Master Plan has identified a need for regional facilities since the city is mostly developed.   While it is important to regulate new development, the bulk of change in our stormwater infrastructure will occur through redevelopment. Partnering with private properties may be a cost-efficient way to achieve regional water quality treatment, as it is usually far less expensive to build facilities in parking lots (on private property) rather than beneath public right of way which is encumbered by numerous

utilities. In addition, there is considerable grant funding coming in the next few years that relates to retrofitting existing impervious surfaces. If the City can do up-front planning, it stands a good chance of getting some of that funding.

Staff Recommendation: Provide a policy in the *Water* section to help obtain resources for impervious surface retrofit programs and to seek out opportunities to partner with private properties to achieve regional water quality treatment.

F. Issue #6: Add new policy to provide equipment and resources to respond to spills and dumping of material that are impactful to the environment.

Background: Spill control and cleanup is required per the City's Phase II National Pollutant discharge Elimination System (NPDES) Municipal Stormwater Permit. It is far easier to clean up spills and prevent pollutants from reaching our waterways than to try to clean polluted lakes and streams.

Staff Recommendation: Provide a policy that supports the NPDES Municipal Stormwater Permit system that works to clean up spills before they enter our critical areas.

G. Issue #7: Add new policy to allow connections between existing streams and their floodplains to increase local floodplain storage

Background: More floodplain storage can translate to less flooding. It can be easier to find in-channel areas to store water, rather than needing to build vaults or tanks upstream of the channel to hold this water. In addition, floodplain storage can reduce flow velocities which can be a benefit for fish and other aquatic organisms.

Staff Recommendation: Provide a policy that allows for connections between existing streams and their associated floodplain as a way to increase local floodplain storage

H. Issue #8: Add new policy to remove fish passage barriers.

Background: Culverts and other structures may pose physical barriers to fish, resulting in loss of habitat and population decline. Inventories of fish passage barriers should be made along with a prioritization for their removal. Work should be done with private landowners and government agencies such as Washington State Department of Transportation (WSDOT) to coordinate fish passage barrier removal since it is very beneficial to fish migration.

In fact, the Muckleshoot Indian Tribe has sued the State of Washington and won (though the case is currently in appeal) over the presence of fish passage

barriers in State roadways. At the State level, a new board has been established to inventory fish passage barriers beneath city and county roadways and prioritize them for removal. For further details, see:

http://wdfw.wa.gov/about/advisory/fbrb/

Although fish passage barrier removal is not required, it is the policy of the Washington State Department of Fish and Wildlife to request that individual projects which impact culverts in any way must make those culverts fish-passable. As part of the City's Surface Water Master Plan, we have developed an inventory of publicly-owned culverts and their fish passage barrier status. We have also prioritized those barriers for removal, and have developed conceptual designs and cost estimates for removal the first few barriers. This inventory should be kept up-to-date, and should be augmented with an inventory of fish passage barriers that exist on private property.

The SalmonScape Map developed by Washington State Department of Fish and Wildlife (WDFW) is a useful interactive map that can help illustrate the streams for which they have prioritized for removal of barriers and enhancement of the surrounding riparian corridors.

Staff Recommendation: Add policies for daylighting streams and making streams fish passable on public and private property with a reference to supporting Tribal Interests in Chinook salmon recovery in the (Water Resource Inventory Area 8 (WRIA-8) Watershed (Cedar-Sammamish watershed).

I. **Issue #9, Revise title of *Vegetation* section to *Trees and Vegetation*. Add policies to help enhance and restore the urban forest (public and private) that will lead to a sustainable urban forest.**

Background: The recently adopted Urban Forestry Strategic Management Plan (UFSMP) points toward increasing the tree canopy coverage from 40 to 50%. The UFMP also suggests that the City urban forest should contain a broad range of species and ages. The existing language in this section should to be stronger to help achieve the goals of the UFSMP plan and to make the connections between trees and climate change, stormwater management and the monetary value of the ecological services that trees provide more apparent.

Staff Recommendation: Revise *Vegetation* section as described in background section.

J. **Issue #10: Add supporting policy related to funding research, mapping and data collection requirements for Kirkland Zoning Code Chapters 85 (Geologically Hazardous Areas) and Chapter 90 (Drainage Basins).**

Background: Work will begin on updating the Critical Areas Ordinance (Chapter 90 KZC) in late 2015 after the 2035 Comprehensive Plan Update is adopted. The ordinance should be updated to meet current Department of Ecology standards for critical areas. This policy would acknowledge the upcoming work and help procure the supporting documentation necessary to protect our critical areas.

Staff Recommendation: Add supporting policy related to funding of Critical Area Ordinance update.

K. Issue #11: Create a new section on *Climate Change* and expand on the topics addressed

Background: Currently climate change is addressed under the *Air* section which represents only one of the main issues relating to climate change.

Staff Recommendation: Add a new *Climate Change* section to clearly define the goals and the commitments that the City has agreed to achieve. This section should lay out our common Green House Gas reduction goals (relating to government operations and the community) that show compliance with regional targets, our regional collaborations and the Governor's Order on climate change. The section should also strongly support implementation of the City's 2009 Climate Protection Action Plan and the agreements that the City has recently signed related to its relationship with the King County Climate Change Collaborative (K4C).   Additional supporting policies should be created that help garner resources, such as staff time and funding, in order to implement and achieve the targets for Greenhouse Gas Emissions reduction and to match grant opportunities for all types of City projects, including the Cross Kirkland Corridor and future CIP projects. Projects in the community will also need funding for public education and incentive programming to assist in meeting the City's Community Greenhouse gas reduction targets.

L. Issue #11: Add a new *Energy* section

Background: The amount of energy the City and the community use and the sources of that energy has a direct impact on both the built and natural environment. A new section titled "Energy" could explain the types of energy in current use and which sources of energy, such as renewable resources (solar, wind), should be used and promoted to achieve a sustainable community. This section would also make reference to the City's participation in regional code collaborations that have the goal of reducing energy use in buildings by making the Washington State Energy Code more stringent and by sharing code innovations to assist all developers with achieving the new code requirements.

Staff Recommendation: Establish a section about energy that outlines our goals and policies and that will be easily referenced by other elements, such as Land Use, Transportation, Housing, Utilities and Capital facilities.

M. Issue #12: Add a new section on *Green Infrastructure*

Background: The element does not address green infrastructure, such as for roads, storm water or City facilities. The City should lead by example while applying the lens of environmental, ecological and economic sustainability to everything that it designs, builds, retrofits and operates.

Staff Recommendation: Create a new section called *Green Infrastructure*. This new section would provide policy direction to ensure that infrastructure, such as the Cross Kirkland Corridor, City Hall and other City facilities, roads and detention facilities are using low impact development principles and sustainability Certification programs. The connection between this element and the other elements, such as Capital Facilities, Utilities, Land Use and Transportation and Housing, should be made so that the City can achieve its commitment to reductions in greenhouse gas productions, water use, waste and resource use. Policies should be developed to support public outreach and education, and creation of a Citizen Sustainability Panel or Commission to help achieve the intent of the new Green Infrastructure section.

N. Issue #13: Add new section on *Food* to address local food economy, healthy food access, environmental impacts to food and food security as required by VISION 2040 and Countywide Policies.

Background: VISION 2040 and the Countywide Policies require that comprehensive plans address food to ensure that residents have access to safe and health food (see chart in Attachment 1).

Since the City will be creating an entirely new food policy, there is an opportunity to look at food policies in a comprehensive way. Although Kirkland has several food-related programs currently operating, there are no Comprehensive Plan policies that support them. Additionally, the Kirkland Zoning Code has addressed animal husbandry in Chapter 115, but has no Comprehensive Plan policies to support this code section.

The first decision to make is to understand where food-related policies will be placed. They could be placed in each element as it relates to that element, or they could have their own place as a sub-element within an existing element. Which element they would be placed under would be a consideration as well. Food issues could be placed in the following elements: economic development, community character, environment, or land use.

The draft Economic Development Element contains a new policy and supporting text on food:

Policy ED-3.4: Support businesses that encourage the health and well-being of all people by providing convenient access to healthy and locally grown food.

Providing access to fresh, locally grown food encourages healthy living and self-sufficiency. Businesses that produce, process or wholesale locally grown food or products, farmers markets and community food gardens are encouraged.

Staff Recommendation: Staff recommends that all food-related policies be placed in a *sub-element* as part of the Natural Environment element with the exception of the one new Economic development policy. This sub-element would be organized into the 4 basic themes:

1. Local Food Economy (more extensive information than is provided in the draft Economic Development Element)
2. Heathy Food Access
3. Environmental Impacts of Food
4. Food Security.

Compiling food related issues in mainly one section of the plan is preferable so that citizens can find them easier as it may be difficult to determine which element would contain the various food related policies. For example, food access issues could be within the Human Services Element and/or within the Natural Environment Element. Placing food policies in one place makes sense, and would elevate the importance of food and food systems. It is appropriate to place it within the Natural Environment Element because the chapter addresses both the natural and built environment.

IV. PUBLIC COMMENTS

The following public comments were received that pertain to the element:

A. Written comments

Growth management, control urban sprawl, conserve water use, save and promote green open space (comment from Ivan Soeria-Atmadja at one of the community events)

B. Comments from the 2035 Visioning Outreach Program Sept 2013-Jan 2014 (number indicates how many meetings item was raised)

- **Sustainable** means activity level below impact level, use local resources, use resources wisely (water, energy), fiscal and environmental resources, emergency preparedness (17)
- Strive to be best **green city** in WA!
    - o incentives for building green, solar, etc. (8)

- o recycling: more education in parks, condos, etc., better recycling signage in city parks, city wide recycling at maintenance center, loss of transfer station will hurt recycling (7)
- o more trees and maintain tree canopy (5)
- o require rain gardens with new development (3)
- o encourage smart buildings with use of solar, reuse water, low impact development and energy efficiency (2)
- o obtain and preserve open spaces (2)
- o however, green buildings have low level of lighting that is not suitable for seniors (1)
- o reduce plastic bags and bottle use (1)
- o require materials recycled before demolition allowed (1)
- o easier way to dispose of hazardous waste (1)
- o composting available at condo projects (1)
- Provide **pea patches** for urban agriculture (4)
- **Critical areas:**
  - o strengthen regulations to protect critical areas (3)
  - o funding for property owners to stabilize and rehabilitate stream banks and other critical areas (2)
- **Surface and ground water**
  - o reduce flooding with more pervious surfaces (3)
  - o encourage water to be kept on site and not drain off (2)
  - o consider water table level with new development (1)
- Have City Parks and Storm Water departments coordinate projects for better management of water issues (1)
- **Flexible codes** to reflect new technology (1)
- Plan and control growth based on **watershed approach (1)**
- Encourage native vegetation (1)

Attachments:

1. Analysis of GMA, Vision 2040 and Countywide Policies Compliance

cc: File CAM13-00465, File #5

Mandated Policies since 2003
3/3/14

GMA State Legislation	Addressed in Plan	Needs to be Addressed in Plan
COMPREHENSIVE PLAN		
Urban planning approaches that **increase physical activity**. Amended 2005 RCW 36.70A.070(1). May include mixed use community centers, bike and ped networks and other means to include physical activity in daily life	Yes – Community Character, Land Use, Transportation and Park Element	**Compliant**
If enacting or expanding **affordable housing program** under RCW 36.70A.540, identify land use designations where increased residential development will assist in achieving local growth management and housing policies New 2006.	Yes – Housing Element and Chapter 112 KZC and	**Compliant**
Policies so that **manufactured housing** is not regulated differently than site built housing. RCW 35.21.684, 35.63.160, 35A.21.312 and 36.01.225 amended 2004.	Does not say policies but only that the City may be enact ordinance that treats it differently	**Compliant**
Identification of specific actions to bring locally-owned **transportation facilities** and services to established LOS. RCW 70A.070(6)(a)(iii)(D) amended 2005.	Yes - Transportation Element	**Compliant**
A **pedestrian and bicycle component.** RCW 36.70A.070(6)(a)(viii) amended 2005.	Yes - Transportation Element	**Compliant**
Regional Transit Authority facilities included in list of essential public facilities. RCW 36.70A.200 amended 2010.	Met - Land Use Element and Zoning Code. Essential government facility not defined in Comp Plan and in KZC defined as facility for any governmental authority.	**Compliant**
Ensure **public participation** for annual amendments (amended 2006), emergency amendments and may include specialized periodic update process**. May coordinate with other cities within the county.	Yes - General Element and Chapters 140 and 160 KZC	**Compliant**
Transportation • Land Use Assumptions and Forecast of Travel Demand • Service and Facility Needs (LOS & Concurrency) • Financing and Investments • Intergovernmental Coordination • Demand Management • Pedestrian and Bicycle Component	Yes – Transportation Element	**Compliant**
CAO		
SMP/CAO allow uses or structures legally located within shorelines to continue, redevelop or be modified consistent with local **SMP**	Yes – Section 83.550 KZC	**Compliant**
Senate bill 5292 in 2012 relating to **irrigation systems or drainage ditches** that lie within the boundaries of and are maintained by a port district or an irrigation district or company not critical area	N/A	N/At

Mandated Policies since 2003
3/3/14

ZONING CODE		
Family daycare providers permitted in residential or commercial zones. RCW 36.70A.450? *Check text*	Yes – Section 115.10 KZC	**Compliant**
Manufactured housing is regulated the same as site-built housing. RCW 35.21.684, 35.63.160, 35A.21.312 (Amended 2004). *Check text*	Yes - No prohibition in either the KMC or the KZC	**Compliant**
Must allow **electric vehicle infrastructure and stations** in all zones but residential zones and critical areas. Amended 2009	Yes – Section 115.33 KZC	**Compliant**
SUBDIVISION		
Subdivision timelines. Amended 2012	Yes – Title 22 KMC Subdivision Ordinance	**Compliant**
IMPACT FEE and Transportation Demand Management		
Timeframe for expending or encumbering impact fees extended to **10 years.** Amended 2011 RCW 82.02.070.	Yes – Title 27 KMC Impact Fees	**Compliant**
Commute Reduction Ordinance. Amended 2006 RCW 70.94.521-551	Yes – adopted Jan 6, 2009.	**Compliant**

Vision 2040/Multicounty Plan Policies (PSRC)	**Addressed in Plan**	**Needs to be Addressed in Plan (PSRC comments)**
Vision 2040 Statement: how Plan addresses multi-county planning policies and GMA	No	Add to General Element
Describe **planning coordination** with other jurisdiction and agencies (MPP-G-1)	Yes – General Element	Compliant
Identify existing and new **funding** for infrastructure and services (MPP-G-4)	Yes – but update	Compliant but need to Update Capital Facilities Element Plan
A. Environment: **1. Stewardship** • Address natural environmental in all aspects of local planning, basing decision-making on environmental best-information available; incorporate regional wide planning initiatives, such as WRIA. Policies MPP-EN 1 through 7. En-Action 11. **2. Earth and Habitat** • Identify open space areas and development programs for protecting and/acquiring these areas. Policies MPP-En-8 and 9: • Coordinate planning for critical areas and habitat with adjacent jurisdictions. . Policies MPP-En-9 through 11: • Include provisions for protecting and restoring native vegetation. MPP-12: **3. Water Quality**	Yes – Community Character, Natural Environment, Transportation, Utilities and Shoreline Area Chapters. MPP-En-2 thru 7 Policies NE-1.1, 1.3, 1.5, 1.6, 1.7, 2.1, 2.3, and 5, Goal LU-7, and CC-4.11 MPP-En-8 and 9 PR-1 and PR-3 MPP-En-9 thru 11	**Natural Environment Element** • Add section on ensuring that residents regardless of social or economic status live in a healthy environment with minimal exposure to pollution (MPP-En-4) • Add other species besides salmon for Endangered Species listing (MPP-En-10)? • Add section on wildlife corridor (MPP-En 11)? • Add section to reduce use of pesticides and chemical fertilizers to minimize risks to human health and the

• Take actions to maintain hydrological functions within ecosystems and watersheds, including restoration of shorelines and reducing pollution in water. Policies MP-En-13 through 16. **4. Air Quality** • Include policies and implementation actions to address federal and state clean air laws and the reduction of pollutants including greenhouse gases. Policies MPP-En-17 through 19 • Incorporate the Puget Sound Clean Air Agency's adapted growth management policies into the comprehensive Plan. Policies MPP-En-17 through 19 **5. Climate Change** • Include specific provisions to reduce greenhouse gas emissions, include provisions addressing adaption to the effects of climate change. Policies MPP-En-16, 20 through 25, MPP-DP-45, MPP-T-5, MPP-PS-1, 12, and 13 RCW 80.80.020.	NE-2.1 and 2.7, U-4.10, and SA-13.4, 13.5, 19.1 and 28 MPP-En-12 NE-3.2. SA-3.3 and SA-16.1 MPP-En-13 thru 16 NE-1 plus policies, SA-Goal SA-3 and policies, Policy SA-15.2 and 15.4. MPP-En-17 thru 19 Goal NE-5 plus policies MPP-En-16, 20 thru 25 Policy NE-3.1, Goal NE-5, Goals T-4 and T-5 plus policies, through U-4,	environment, and promote alternatives. (MPP-En-15) • Add section to identify and address impacts of climate change on region's hydrological system (MPP-En-16) • Add sections on climate change to address City's Climate Protection Action Plan and reduction in building energy use, develop energy management technology, energy efficiency, conservation and alternative energy sources and impact of climate change on regional water sources. Expand Climate change discussion (MPP-En-21 thru En-23 and En-25). • Add section on construction of healthy buildings and facilities (MPP-DP-44 thru 47) **Capital Facilities Element:** Add policy to promote energy efficiency and renewable energy (MPP-T-6) Add policy to prioritize funding of infrastructure within regional growth centers (MPP-T-12)
B. Development Patterns **1.Urban Policy** • Documents growth targets**.**MPP-DP-3 • Include provisions to develop compact urban communities and central places with densities that support transit and walking. Policy MPP-DP-14 • Identity underused land (contaminated sites) and have provisions for redevelopment in a manner that supports the Regional Growth Strategy. Policy MMP-DP-15 **2. Centers**	MPP-DP-14 Goal LU-2 MPP-DP-15 N/A MPP-DP-33 through 42 Policy NE-1.6 MPP-DP-34 Goal CC-2 and policies	**Land Use Element**: update growth target information • Add policy on healthy and active living (physical, mental and social health) • Add policy on supporting local food production, such as urban farming, community gardens, aquatic foods and year around farmer's

3

Mandated Policies since 2003
3/3/14

• Identify one or more central places as locations for more compact, mixed use development (MPP-DP-11) • Demonstrate how funding has been prioritized to advance development in centers and central places (MPP-DP-7, 10, 13 and MPP-T-12, MPP-H-6) **3. Development Patterns – Orderly Development** **1. Regional Design** • Incorporate design provision in local plans and regs that apply to Transportation 2040 Physical Design Guidelines • Include guidelines for environmentally friendly and energy-efficient building (MPP-DP-33 through 42) • Preserve historic, visual and cultural resources (MPP-DP-34) • Ensure that design of public buildings contributes to a sense of community (MPP-DP-38) **2. Built Environ & Health** • Include health provisions that address (a) healthy environment (b)physical activity and well-being and (c) safety (MPP-DP-43 through 47, MPP-En-3, 19, MPP-T-4, 7, 11, 15, 16)	MPP-DP-38 Policy CC-4.3 MP-DP-43 Policy LU-3-6	markets.(MPP-DP-45 and 47) • Add policy to promotes energy efficiency and renewable energy (MPP-DP-49) **Totem Lake Plan** Policy on funding priorities to support transportation and other infrastructure needs to support center (MPP-DP-7, MPP T-12 and MPP-H-5-6)
D. Housing • Include provisions to increase housing production opportunities, including diverse types and styles of all income levels and demographic groups (MPP-H-1 through 9) • Include provisions to address affordable housing needs (MPP-H-1 through9) • State how regional housing objectives in Vision 2040 are being addressed – including housing diversity and affordability. Jobs-housing balance, housing in centers and flexible standards and innovate techniques (H-Action-1 and 2)	MPP-H-1 thru 9 and H-Action 1 and 2) Goal H-2 and policies	
E. Economic Development • Include economic development element that address: business, people and places (Ec-Action-6. MPP-Ec-1 through 22) • Include provisions that address industry clusters (MPP-Ec-3)	MMP-Ec 1-thought22 except noted to right Goal ED-1 through ED-7 Goal ED-2	**Economic Development Element:** • Business that are part of international gateway (MPP-Ec-4)

4

Mandated Policies since 2003
3/3/14

• Focus retention and recruitment efforts on business that provide family wage jobs, industry clusters that export goods and services, and small/start-up companies that are locally owned MPP-Ec-1, 3, 4, 5) • Include provisions and programs for distressed areas or areas with disadvantaged populations MPP-Ec-11 and 12) • Ensure adequate housing growth in centers working collaboratively with the private sector – through provision of infrastructures (MPP-Ec-6, 18, 20)		• Support business start-ups, small businesses and locally owned businesses (MPP-Ec-5) • Encourage private, public and non-profit sectors to incorporate environmental and social responsibility in to their practices (MPP-Ec-7) • Support culturally and ethnically diverse community in helping regional continue to expand its international economy (MPP-Ec-13). • Support agricultural and aquatic uses that produce local fresh food (MPP-DP-44-47) • Policy on industrial clusters for those that export goods and services, import capital and have growth potential (MPP-Ec-3) • Policy to sustain and respects regional's environmental quality (MPP-Ec-15) • Policy to address special needs and assets of disadvantaged and culturally diverse populations (MPP-Ec-11 thru 13)
G. Transportation: Vision 2040 and Transportation 2040 1. **Maintenance, Management and Safety** • Address development of clean transportation system, including changes in fuels, technologies and how we travel. (See MPP-T-5 through MPP–T-7) • Provide direction for identifying reliable and predictable revenues for system maintenance and preservation (MPP-G-4 and 5; MPP-T-2,3,33)		**Transportation Element:** • Add climate change policy for developing and implementing transportation modes and technologies that are energy efficient and improve system performance (MPP-T-6) • Add policy to promote energy efficiency and

5

• Provide direction for improved operations, system management and demand management (MPP-T-1 thru 3, 23 thru 25) • Identify cooperative transportation strategies related to security and emergency responses. 2. **Supporting the Growth Strategy** • Prioritize investments that serve centers (MPP-SDP-7, 10, 13; MPP-Ec-18; T-12, MPP-H-6) • Promote development of full standards for streets and urban roadways and transportation facility design that fits in the local community (MPP-T-14 thru 16, 20 thru 22) • Promote joint and mixed use development and urban design that is pedestrian friendly and transit-oriented (MPP-T-10, 11, 14, 15, 20, 21) • See MPP-T-9 through MPP-T-22 3. **Greater Options and Mobility** • Provide direction for alternative to driving along and reduction of vehicle miles traveled (MPP-T-23 thru T-25) • Coordinate planning for rail, including commuter rail and high capacity transit (MPP-T-27, 29, 30, 32) • Address transportation financing methods that sustain maintenance, preservation and operation of facilities (MPP-T-33)		renewable energy (MPP-T-6) • Add policy to prioritize funding of infrastructure within regional growth centers (MPP-T-12) • Add policy on for developing prevention and recovery strategies for disasters (reference emergency preparedness plan) MPP-T-8) • Add policy on preventing and minimizing negative effects to low-income, minority and special needs populations (MPP-T-22) • Strengthen Policy T-8.6 on air quality to be consistent with WAC 365-196-430(2)c iii(1) so it reads the City "will meet or do better than the federal and State air quality standards" • Add policy and map on freight routes (Commerce Transportation Element Guidebook, pp 85-88 • Regional Center Planning policies (see Dorian)
F. Public Services • Advance conservation principles for the provision of services, such as waste management, energy and water supply (reuse, recycle and renew)(MPP-PS-3, 7, 8, 11, 12, 13, 19) • Include strategies to promote renewable energy and alternative energy resources (MPP-PS-6)		**Public Services and Utilities Element:** Add section promotes energy efficiency and renewable energy (MPP-PS-12-13)

Mandated Policies since 2003
3/3/14

2012 King County Countywide Policies

Policies	Addressed in Plan	Needs to be Addressed in Plan
Environmental Sustainability		
EN-1: Incorporate environmental protection and restoration efforts into local plans to ensure that quality of the natural environment and its contributions to human health and vitality are sustained now and for the future generations.	Compliant, but 2015 update to KZC Chapter 90 amendment are required to codify.	
EN-2: Encourage low impact development approaches for managing stormwater, protecting water quality, minimizing flooding and erosion, protecting habitat and reducing greenhouse gas emissions.	Compliant	
EN-3: Encourage the transition to a sustainable energy future by reducing demand through planning for efficiency and conservation and by meeting reduced needs from sustainable sources.		Needs to be addressed
EN-4: Identify and preserve regionally significant open space networks in both Urban and Rural Areas. Develop strategies and funding to protect lands that provide the following valuable functions: active and passive outdoor recreation opportunities; wildlife habit and migration corridors; preservation of ecologically sensitive, scenic and cultural resources; urban green space, habitats and ecosystems; and food production potential (only applicable items)		Needs to be addressed (see Issue#13 in Staff Memo).
EN-5: Identify and mitigate unavoidable negative impacts of public actions that disproportionately affect people of color and low-income populations		Needs to be addressed
Earth and Habitat		
EN-6: Coordinate approaches and standards for defining and protecting critical areas especially where such areas and impacts to them cross jurisdictional boundaries.		Needs to be addressed
EN-7: Encourage basin-wide approaches to wetland protection, emphasizing preservation and enhancement of the highest quality wetlands and wetland systems.	Compliant	
EN-8: Develop an integrated and comprehensive approach to managing fish and wildlife habitat conservation, especially protecting endangered, threatened and sensitive species.	Compliant	
EN-9: Implement salmon habitat protection and restoration priorities in approved Water Resource Inventory Area plans		Needs to be addressed
Flood Hazards		
EN-11: Work cooperatively to meet regulatory standards for floodplain development as these standards are updated for consistency with relevant federal requirements including those related to the ESA	Yes - KMC	
Water Resources		
EN-13: Collaborate with Puget Sound Partnership to implement the Puget Sound Action Agenda and to coordinate land use and		Needs to be addressed

7

Mandated Policies since 2003
3/3/14

transportation plans and actions for the benefit of Puget Sound and its watersheds.		
EN-14: Manage natural drainage systems to improve water quality and habitat functions, minimize erosion and sedimentation, protect public health, reduce flood risk, and moderate peak storm water runoff rates. Work with local, regional, state and national and tribal jurisdictions to establish , monitor and enforce consistent standards for managing streams and wetlands through the drainage basins		Needs to be addressed
Air Quality and Climate Change		
En-16: Plan for land use patterns and transportation systems that minimize air pollution and greenhouse gas emissions including (see 6 bullet points)		Needs to be addressed
EN-17 and EN-18: N/A (countrywide greenhouse gas reduction target)	Compliant	
EN-19: Promote energy efficiency, conservation methods and sustainable energy sources to support climate change reduction goals.		Needs to be addressed
EN-20: Plan and implement land use, transportation, and building practices that will greatly reduce consumption of fossil fuels.		Needs to be addressed
EN-21: Formulate and implement climate change adaption strategies that address the impacts of climate change to public health and safety, the economy, public and private infrastructure, water resources and habitat.		Needs to be addressed
Development Patterns		
DP-2 Promote a pattern of compact development within the urban growth area that includes housing at a range of urban densities, commercial and industrial development, and other urban facilities, including medical, government, institutional, and educational uses and parks and open space. The urban growth area will include a mix of uses that are convenient to and support public transportation in order to reduce reliance on single occupancy vehicle travel for most daily activities.	Compliant	
DP-3 Efficiently develop and use residential, commercial, and manufacturing land in the Urban Growth Area to create healthy and vibrant urban communities with a full range of urban services, and to protect the long-term viability of the Rural Area and Resource Lands. Promote the efficient use of land within the Urban Growth Area by using methods such as: • Directing concentrations of housing and employment growth to designated centers; • Encouraging compact development with a mix of compatible residential, commercial, and community activities; • Maximizing the use of the existing capacity for housing and employment; and • Coordinating plans for land use, transportation, capital facilities and services.	Compliant	
DP-5 Decrease greenhouse gas emissions through land use strategies that promote a mix of housing, employment, and		Needs to be addressed

Mandated Policies since 2003
3/3/14

services at densities sufficient to promote walking, bicycling, transit, and other alternatives to auto travel.		
DP-6 Plan for development patterns that promote public health by providing all residents with opportunities for safe and convenient daily physical activity, social connectivity, and protection from exposure to harmful substances and environments.		More can be done to require connections or find funding sources to create and pay for additional connections
DP-7 Plan for development patterns that promote safe and healthy routes to and from public schools.	Compliant	
DP-8 Increase access to healthy food in communities throughout the Urban Growth Area by encouraging the location of healthy food purveyors, such as grocery stores and farmers markets, and community food gardens in proximity to residential uses and transit facilities.		Needs to be addressed
DP-9 Designate Urban Separators as permanent low-density incorporated and unincorporated areas within the Urban Growth Area. Urban Separators are intended to protect Resource Lands, the Rural Area, and environmentally sensitive areas, and create open space and wildlife corridors within and between communities while also providing public health, environmental, visual, and recreational benefits.		Needs to be addressed
DP-11 GMPC shall allocate residential and employment growth to each city and unincorporated urban area in the county. This allocation is predicated on: - Accommodating the most recent 20-year population projection from the state Office of Financial Management and the most recent 20-year regional employment forecast from the Puget Sound Regional Council; - Planning for a pattern of growth that is consistent with the Regional Growth Strategy including focused growth within cities with countywide designated centers and within other larger cities, limited development in the Rural Area, and protection of designated Resource Lands; - Efficiently using existing zoned and future planned development capacity as well as the capacity of existing and planned infrastructure, including sewer and water systems; - Promoting a land use pattern that can be served by a connected network of public transportation services and facilities and pedestrian and bicycle infrastructure and amenities; - Improving the jobs/housing balance within the region and the county; - Promoting sufficient opportunities for housing and employment development throughout the Urban Growth Area;		

9

Mandated Policies since 2003
3/3/14

• Allocating growth to individual Potential Annexation Areas within the urban unincorporated area proportionate to its share of unincorporated capacity for housing and employment growth.		
DP-13 All jurisdictions shall plan to accommodate housing and employment targets. This includes: • Adopting comprehensive plans and zoning regulations that provide capacity for residential, commercial, and industrial uses that is sufficient to meet 20-year growth needs and is consistent with the desired growth pattern described in VISION 2040; • Coordinating water, sewer, transportation and other infrastructure plans and investments among agencies, including special purpose districts; and • Transferring and accommodating unincorporated area housing and employment targets as annexations occur.		
DP-22 Designate Potential Annexation Areas in city comprehensive plans and adopt them in the Countywide Planning Policies. Ensure that Potential Annexation Areas do not overlap or leave unincorporated urban islands between cities.		
DP-29 Concentrate housing and employment growth within designated Urban Centers.		
DP-32 Adopt a map and housing and employment growth targets in city comprehensive plans for each Urban Center, and adopt policies to promote and maintain quality of life in the Center through: • A broad mix of land uses that foster both daytime and nighttime activities and opportunities for social interaction; • A range of affordable and healthy housing choices; • Historic preservation and adaptive reuse of historic places; • Parks and public open spaces that are accessible and beneficial to all residents in the Urban Center; • Strategies to increase tree canopy within the Urban Center and incorporate low- impact development measures to minimize stormwater runoff; • Facilities to meet human service needs; • Superior urban design which reflects the local community vision for compact urban development; • Pedestrian and bicycle mobility, transit use, and linkages between these modes; • Planning for complete streets to provide safe and inviting access to multiple travel modes, especially bicycle and pedestrian travel; and • Parking management and other strategies that minimize trips made by single- occupant vehicle, especially during peak commute periods.		

Chapter: DEVELOPMENT PATTERNS

/EVELOPMENT PATTERNS

Mandated Policies since 2003
3/3/14

DP-33 Form the land use foundation for a regional high-capacity transit system through the designation of a system of Urban Centers. Urban Centers should receive high priority for the location of transit service.		
DP-38 Identify in comprehensive plans local centers, such as city or neighborhood centers, transit station areas, or other activity nodes, where housing, employment, and services are accommodated in a compact form and at sufficient densities to support transit service and to make efficient use of urban land.		
Urban Design and Historic Preservation		
DP-39 Develop neighborhood planning and design processes that encourage infill development, redevelopment, and reuse of existing buildings and that, where appropriate based on local plans, enhance the existing community character and mix of uses.		
DP-40 Promote a high quality of design and site planning in publicly-funded and private development throughout the Urban Growth Area.		
DP-41 Preserve significant historic, archeological, cultural, architectural, artistic, and environmental features, especially where growth could place these resources at risk. Where appropriate, designate individual features or areas for protection or restoration. Encourage land use patterns and adopt regulations that protect historic resources and sustain historic community character.		
DP-42 Design new development to create and protect systems of green infrastructure, such as urban forests, parks, green roofs, and natural drainage systems, in order to reduce climate-altering pollution and increase resilience of communities to climate change impacts.		
DP-43 Design communities, neighborhoods, and individual developments using techniques that reduce heat absorption, particularly in Urban Centers.		
DP-44 Adopt design standards or guidelines that foster infill development that is compatible with the existing or desired urban character.		
DP-58 Support local production and processing of food to reduce the need for long distance transport and to increase the reliability and security of local food. Promote activities and infrastructure, such as farmers markets, farm worker housing and agricultural processing facilities, that benefit both cities and farms by improving access to locally grown agricultural products.		
DP-59 Support institutional procurement policies that encourage purchases of locally grown food products.		
DP-60 Ensure that extractive industries maintain environmental quality and minimize negative impacts on adjacent lands.		
DP-61 Use a range of tools, including land use designations, development regulations, level-of- service standards, and transfer or purchase of development rights to preserve Rural		

11

and Resource Lands and focus urban development within the Urban Growth Area.		
DP-62 Use transfer of development rights to shift potential development from the Rural Area and Resource Lands into the Urban Growth Area, especially cities. Implement transfer of development rights within King County through a partnership between the county and cities that is designed to: • Identify rural and resource sending sites that satisfy countywide conservation goals and are consistent with regionally coordinated transfer of development rights efforts; • Preserve rural and resource lands of compelling interest countywide and to participating cities; • Identify appropriate transfer of development rights receiving areas within cities; • Identify incentives for city participation in regional transfer of development rights • (i.e. county-to-city transfer of development rights); • Develop interlocal agreements that allow rural and resource land development rights to be used in city receiving areas; • Identify and secure opportunities to fund or finance infrastructure within city transfer of development rights receiving areas; and. • Be compatible with existing within-city transfer of development rights programs.		
Housing		
H-1 Address the countywide need for housing affordable to households with moderate, low and very-low incomes, including those with special needs. The countywide need for housing by percentage of Area Median Income (AMI) is: 50-80% of AMI (moderate) 16% of total housing supply 30-50% of AMI (low) 12% of total housing supply 30% and below AMI (very-low) 12% of total housing supply		
H-2 Address the need for housing affordable to households at less than 30% AMI (very low income), recognizing that this is where the greatest need exists, and addressing this need will require funding, policies and collaborative actions by all jurisdictions working individually and collectively.		
H-3 Conduct an inventory and analysis of existing and projected housing needs of all economic and demographic segments of the population in each jurisdiction. The analysis and inventory shall include: • Characteristics of the existing housing stock, including supply, affordability and • diversity of housing types; • Characteristics of populations, including projected growth and demographic change; • The housing needs of very-low, low, and moderate-income households; and • The housing needs of special needs populations.		

Chapter: DEVELOPMENT PATTERNS

Chapter: HOUSING

Mandated Policies since 2003
3/3/14

H-4 Provide zoning capacity within each jurisdiction in the Urban Growth Area for a range of housing types and densities, sufficient to accommodate each jurisdiction's overall housing targets and, where applicable, housing growth targets in designated Urban Centers.		
H-5 Adopt policies, strategies, actions and regulations at the local and countywide levels that promote housing supply, affordability, and diversity, including those that address a significant share of the countywide need for housing affordable to very-low, low, and moderate income households. These strategies should address the following: • Overall supply and diversity of housing, including both rental and ownership; • Housing suitable for a range of household types and sizes; • Affordability to very-low, low, and moderate income households; • Housing suitable and affordable for households with special needs; • Universal design and sustainable development of housing; and • Housing supply, including affordable housing and special needs housing, within Urban Centers and in other areas planned for concentrations of mixed land uses.		
H-6 Preserve existing affordable housing units, where appropriate, including acquisition and rehabilitation of housing for long-term affordability.		
H-7 Identify barriers to housing affordability and implement strategies to overcome them.		
H-8 Tailor housing policies and strategies to local needs, conditions and opportunities, recognizing the unique strengths and challenges of different cities and sub-regions.		
H-9 Plan for housing that is accessible to major employment centers and affordable to the workforce in them so people of all incomes can live near or within reasonable commuting distance of their places of work. Encourage housing production at a level that improves the balance of housing to employment throughout the county.		
H-10 Promote housing affordability in coordination with transit, bicycle, and pedestrian plans and investments and in proximity to transit hubs and corridors, such as through transit oriented development and planning for mixed uses in transit station areas.		
H-11 Encourage the maintenance of existing housing stock in order to ensure that the condition and quality of the housing is safe and livable.		
H-12 Plan for residential neighborhoods that protect and promote the health and well-being of residents by supporting active living and healthy eating and by reducing exposure to harmful environments.		

Mandated Policies since 2003
3/3/14

H-13 Promote fair housing and plan for communities that include residents with a range of abilities, ages, races, incomes, and other diverse characteristics of the population of the county.		
H-15 Collaborate in developing sub-regional and countywide housing resources and programs, including funding, to provide affordable housing for very-low, low-, and moderate-income households.		
H-17 Monitor housing supply, affordability, and diversity, including progress toward meeting a significant share of the countywide need for affordable housing for very-low, low, and moderate income households. Monitoring should encompass: • Number and type of new housing units; • Number of units lost to demolition, redevelopment, or conversion to non-residential use; • Number of new units that are affordable to very-low, low-, and moderate-income • households; • Number of affordable units newly preserved and units acquired and rehabilitated with a regulatory agreement for long-term affordability for very-low, low-, and moderate-income households; • Housing market trends including affordability of overall housing stock; • Changes in zoned capacity for housing, including housing densities and types; • The number and nature of fair housing complaints and violations; and • Housing development and market trends in Urban Centers.		
H-18 Review and amend, a minimum every five years, the countywide and local housing policies and strategies, especially where monitoring indicates that adopted strategies are not resulting in adequate affordable housing to meet the jurisdiction's share of the countywide need.		
Economy		
EC-2 Support economic growth that accommodates employment growth targets (see table DP-) through local land use plans, infrastructure development, and implementation of economic development strategies.		
EC-3 Identify and support industry clusters and sub-clusters within King County that are components of the Regional Economic Strategy or that may otherwise emerge as having significance to King County's economy.		
EC-4 Evaluate the performance of economic development policies and strategies in business development and job creation. Identify and track key economic metrics to help jurisdictions and the county as a whole evaluate the effectiveness of local and regional economic strategies.		
EC-5 Help businesses thrive through:		

14

Mandated Policies since 2003
3/3/14

• Transparency, efficiency, and predictability of local regulations and policies; • Communication and partnerships between businesses, government, schools, and research institutions; and • Government contracts with local businesses.		
EC-6 Foster the retention and development of those businesses and industries that export their goods and services outside the region.		
EC-7 Promote an economic climate that is supportive of business formation, expansion, and retention and emphasizes the importance of small businesses in creating jobs.		
EC-8 Foster a broad range of public-private partnerships to implement economic development policies, programs and projects		
EC-9 Identify and support the retention of key regional and local assets to the economy, such as major educational facilities, research institutions, health care facilities, manufacturing facilities, and port facilities.		
EC-10 Support the regional food economy including the production, processing, wholesaling, and distribution of the region's agricultural food and food products to all King County communities. Emphasize increasing access to those communities with limited presence of healthy food options.		
EC-11 Work with schools and other institutions to increase graduation rates and sustain a highly-educated and skilled local workforce. This includes aligning job training and education offerings that are consistent with the skill needs of the region's industry clusters. Identify partnership and funding opportunities where appropriate.		
EC-12 Celebrate the cultural diversity of local communities as a means to enhance the county's global relationships.		
EC-13 Address the historic disparity in income and employment opportunities for economically disadvantaged populations, including minorities and women, by committing resources to human services; community development; housing; economic development; and public infrastructure.		
EC-14 Foster economic and employment growth in designated Urban Centers and Manufacturing/ Industrial Centers through local investments, planning, and financial policies.		
EC-15 Make local investments to maintain and expand infrastructure and services that support local and regional economic development strategies. Focus investment where it encourages growth in designated centers and helps achieve employment targets.		
EC-16 Add to the vibrancy and sustainability of our communities and the health and well-being of all people through safe and convenient access to local services, neighborhood-oriented retail, purveyors of healthy food (e.g. grocery stores and farmers markets), and transportation choices.		

15

Mandated Policies since 2003
3/3/14

EC-17 Promote the natural environment as a key economic asset. Work cooperatively with local businesses to protect and restore the natural environment in a manner that is efficient and predictable and minimizes impacts on businesses.		
EC-20 Facilitate redevelopment of contaminated sites through local, county and state financing and other strategies that assist with funding environmental remediation.		
Transportation		
T-3 Increase the share of trips made countywide by modes other than driving alone through coordinated land use planning, public and private investment, and programs focused on centers and connecting corridors, consistent with locally adopted mode split goals.		
T-4 Develop station area plans for high capacity transit stations and transit hubs. Plans should reflect the unique characteristics and local vision for each station area including transit supportive land uses, transit rights-of-way, stations and related facilities, multi-modal linkages, and place-making elements.		
T-6 Foster transit ridership by designing transit facilities and services as well as non-motorized infrastructure so that they are integrated with public spaces and private developments to create an inviting public realm		
T-8 Prioritize regional and local funding to transportation investments that support adopted growth targets.		
T-9 Promote the mobility of people and goods through a multi-modal transportation system based on regional priorities consistent with VISION 2040 and local comprehensive plans.		
T-11 Develop and implement freight mobility strategies that strengthen King County's role as a major regional freight distribution hub, an international trade gateway, and a manufacturing area.		
T-12 Address the needs of non-driving populations in the development and management of local and regional transportation systems.		
T-13 Site and design transit stations and transit hubs to promote connectivity and access for pedestrian and bicycle patrons.		
T-14 Prioritize essential maintenance, preservation, and safety improvements of the existing transportation system to protect mobility and avoid more costly replacement projects.		
T-15 Design and operate transportation facilities in a manner that is compatible with and integrated into the natural and built environments in which they are located. Incorporate features such as natural drainage, native plantings, and local design themes that facilitate integration and compatibility		
T-18 Develop a countywide monitoring system to determine how transportation investments are performing over time consistent with Transportation 2040 recommendations.		
T-19 Design roads and streets, including retrofit projects, to accommodate a range of motorized and non-motorized travel modes in order to reduce injuries and fatalities and to encourage non-motorized travel. The design should include		

16

Mandated Policies since 2003
3/3/14

well-defined, safe and appealing spaces for pedestrians and bicyclists.		
T-20 Develop a transportation system that minimizes negative impacts to human health, including exposure to environmental toxins generated by vehicle emissions.		
T-21 Provide opportunities for an active, healthy lifestyle by integrating the needs of pedestrians and bicyclists in the local and regional transportation plans and systems.		
T-23 Apply technologies, programs and other strategies that optimize the use of existing infrastructure in order to improve mobility, reduce congestion, increase energy-efficiency, and reduce the need for new infrastructure.		
Public Facilities and Services		
PF-2 Coordinate among jurisdictions and service providers to provide reliable and cost- effective services to the public.		
PF-4 Develop plans for long-term water provision to support growth and to address the potential impacts of climate change on regional water resources.		
PF-5 Support efforts to ensure that all consumers have access to a safe, reliably maintained, and sustainable drinking water source that meets present and future needs.		
PF-9 Implement water conservation and efficiency efforts to protect natural resources, reduce environmental impacts, and support a sustainable long-term water supply to serve the growing population.		
PF-10 Encourage water reuse and reclamation, especially for high-volume non-potable water users such as parks, schools, and golf courses.		
PF-11 Require all development in the Urban Growth Area to be served by a public sewer system except: • single-family residences on existing individual lots that have no feasible access to sewers may utilize individual septic systems on an interim basis; or • development served by alternative technology other than septic systems that: • provide equivalent performance to sewers; • provide the capacity to achieve planned densities; and • will not create a barrier to the extension of sewer service within the Urban Growth Area.		
PF-13 Reduce the solid waste stream and encourage reuse and recycling.		
PF-14 Reduce the rate of energy consumption through efficiency and conservation as a means to lower energy costs and mitigate environmental impacts associated with traditional energy supplies.		
PF-15 Promote the use of renewable and alternative energy resources to help meet the county's long-term energy needs, reduce environmental impacts associated with traditional energy supplies, and increase community sustainability.		
PF-16 Plan for the provision of telecommunication infrastructure to serve growth and development in a manner consistent with the regional and countywide vision.		

17

Mandated Policies since 2003
3/3/14

PF-17 Provide human and community services to meet the needs of current and future residents in King County communities through coordinated planning, funding, and delivery of services by the county, cities, and other agencies		
PF-18 Locate new schools, institutions, and other community facilities and services that primarily serve urban populations within the Urban Growth Area, where they are accessible to the communities they serve, Locate these facilities in places that are well served by transit and pedestrian and bicycle networks.		
PF-20 Site or expand public capital facilities of regional or statewide importance within the county in a way that equitably disperses impacts and benefits and supports the Countywide Planning Policies.		