



**King County**

Department of  
Natural Resources and Parks  
**Solid Waste Division**

**Factoria**

Recycling and Transfer Station

# Transportation, Economy and Environment Committee

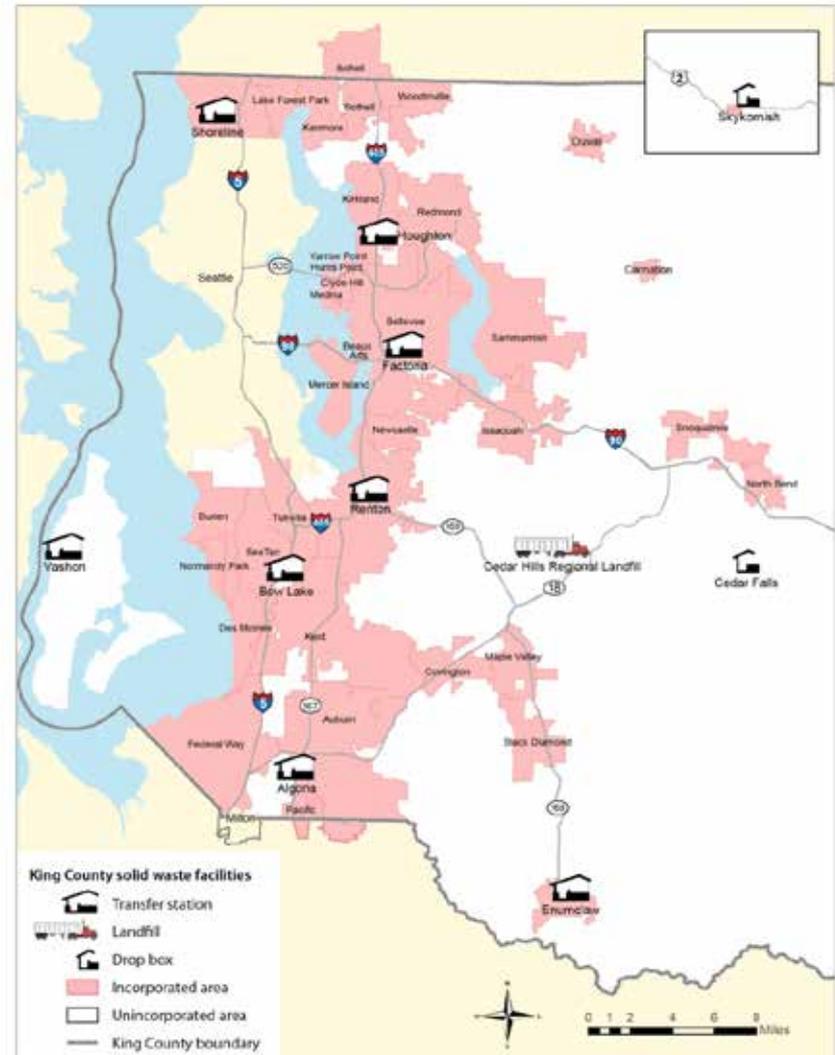
March 29, 2011

## Factoria Recycling and Transfer Station Facility



## Transfer System

- Factoria is one of 10 transfer facilities that serves King County
- Consolidates small loads into larger loads
- Solid Waste Transfer & Waste Management Plan approved by King County Council in 2007 calls for replacement



## Current Conditions

- **Constructed in the mid-1960s**
- **Limited space and services**
  - § **No recycling services**
  - § **Constrained household hazardous waste (HHW) service area**
  - § **Inadequate roof clearance**



## Facility Master Plan

### What it is:

- A guide for how we redevelop the site:
  - § How we use the site
  - § What type of buildings we need for the planned services
  - § How the site will be operated

### What it is not:

- A detailed design or construction plan

## **Guiding Principles for the Facility Master Plan Development**

- **The Facility Master Plan will include the following concepts:**
  - § **Sustainability**
  - § **Flexibility in operation**
  - § **Traffic Management**
  - § **Land development / Land use**



## Site Constraints

- Onsite and adjacent wetlands and streams
- Parcel size
- Steep slopes
- Utilities (underground pipelines, overhead power lines)
- Continuous operation of transfer station during construction



## Level-of-Service Criteria

- Recycling opportunities
- Customer time onsite
- Queuing
- Minimum roof clearance
- Three days emergency storage capability
- Ability to efficiently compact waste



From adopted Transfer and Waste Management Plan, 2007

# Key Features

- Enclosed Station
- Additional traffic queuing capacity at site entrance
- Adjacent HHW/recycling with additional parking areas
- Phased construction to allow for continuous operation
- Separation of Commercial, self-haul and container-chassis traffic

SE 30<sup>TH</sup> STREET

CONTAINER  
CHASSIS  
PARKING

TRANSFER  
STATION

COMMERCIAL SELF-HAUL

RECYCLING

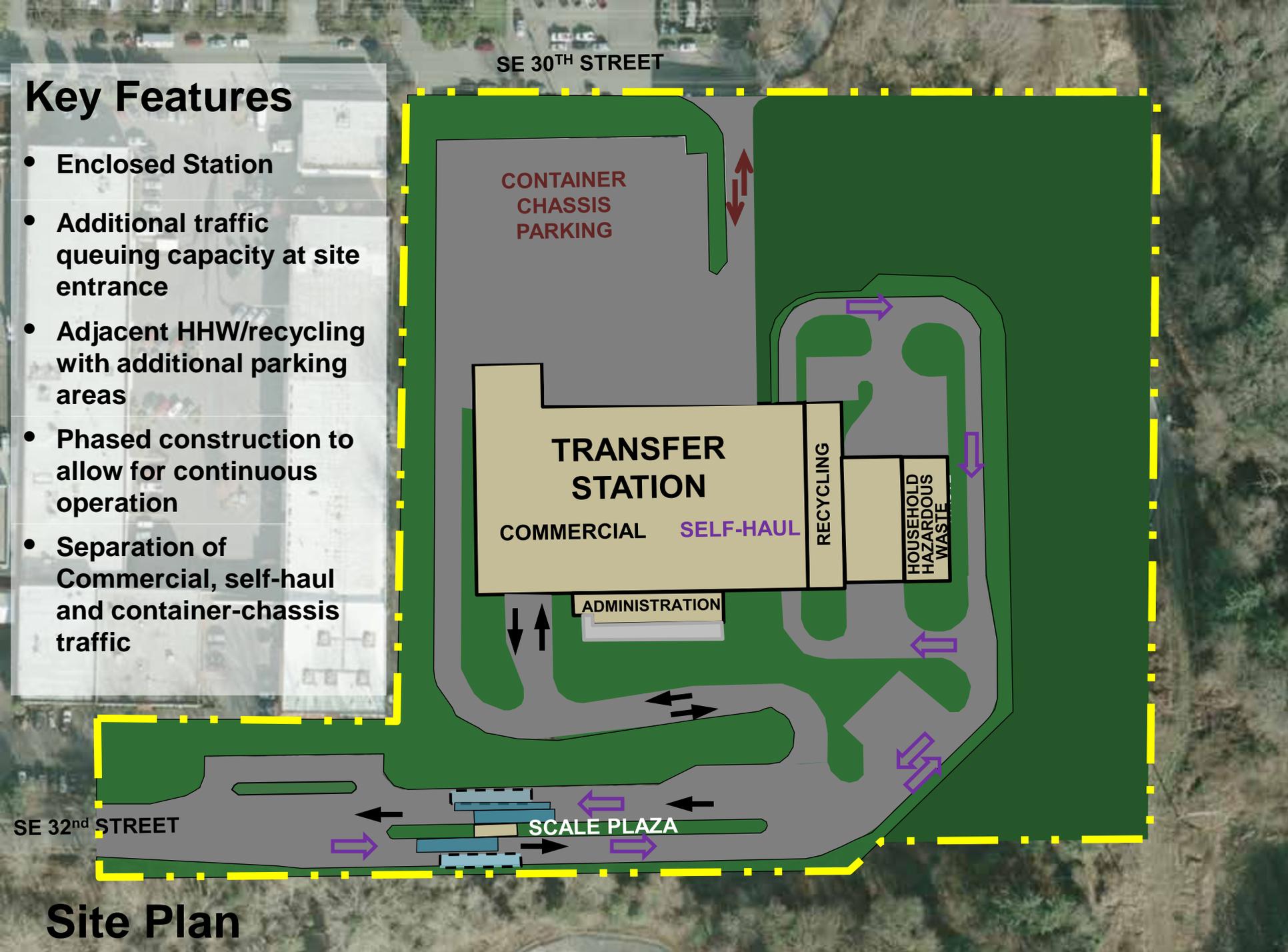
HOUSEHOLD  
HAZARDOUS  
WASTE

ADMINISTRATION

SCALE PLAZA

SE 32<sup>ND</sup> STREET

# Site Plan





## Project Schedule (Updated March 2011)

Date	Purpose/Action Taken
May 12, 2010	Project open house and presentation
Summer 2010	Preparation of Facility Master Plan (FMP)
Fall 2010	FMP Submitted to King County Council
Early 2011 – Early 2013	Environmental review, facility design, land use permitting and construction procurement
Early 2013 – Early 2015	Construction of new facilities
Spring 2015	New station opens